



HELSINGIN YLIOPISTO  
HELSINGFORS UNIVERSITET  
UNIVERSITY OF HELSINKI

INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL  
TRAINING AT THE UNIVERSITY OF HELSINKI 2005–2010

# RC-Specific Evaluation of PURE – Public Health and Epidemiology Research Community

Seppo Saari & Antti Moilanen (Eds.)



Evaluation Panel: Medicine, Biomedicine and Health Sciences



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL  
TRAINING AT THE UNIVERSITY OF HELSINKI 2005–2010

# **RC-Specific Evaluation of PURE – Public Health and Epidemiology Research Community**

Seppo Saari & Antti Moilanen (Eds.)

University of Helsinki  
Administrative Publications 80/46  
Evaluations  
2012

**Publisher:**  
University of Helsinki

**Editors:**  
Seppo Saari & Antti Moilanen

<b>Title:</b> International Evaluation of Research and Doctoral Training at the University of Helsinki 2005–2010 : RC-Specific Evaluation of PURE – Public Health and Epidemiology Research Community	<b>Type of publication:</b> Evaluations
<b>Summary:</b> Researcher Community (RC) was a new concept of the participating unit in the evaluation. Participation in the evaluation was voluntary and the RCs had to choose one of the five characteristic categories to participate. Evaluation of the Researcher Community was based on the answers to the evaluation questions. In addition a list of publications and other activities were provided by the TUHAT system. The CWTS/Leiden University conducted analyses for 80 RCs and the Helsinki University Library for 66 RCs. Panellists, 49 and two special experts in five panels evaluated all the evaluation material as a whole and discussed the feedback for RC-specific reports in the panel meetings in Helsinki. The main part of this report is consisted of the feedback which is published as such in the report. Chapters in the report: 1. Background for the evaluation 2. Evaluation feedback for the Researcher Community 3. List of publications 4. List of activities 5. Bibliometric analyses The level of the RCs' success can be concluded from the written feedback together with the numeric evaluation of four evaluation questions and the category fitness. More conclusions of the success can be drawn based on the University-level report.	
<b>RC-specific information:</b>	
<b>Main scientific field of research:</b> Medicine, Biomedicine and Health Sciences	<b>RC-specific keywords:</b> epidemiology, prevention, nutrition, physical activity, smoking, obesity, lifestyle, genetics, genetic epidemiology, gene-lifestyle interaction, controlled clinical trials, community-based interventions, diabetes, cardiovascular disease, biostatistics, pharmacoepidemiology, psychiatric epidemiology
<b>Participation category:</b> 1. Research of the participating community represents the international cutting edge in its field	
<b>RC's responsible person:</b> Tuomilehto, Jaakko	
<b>Keywords:</b> Research Evaluation, Meta-evaluation, Doctoral Training, Bibliometric Analyses, Researcher Community	

**Series title and number:**  
University of Helsinki, Administrative Publications 80/46, Evaluations

**ISSN:**  
1795-5513 (Online)

**ISBN:**  
978-952-10-7466-0 (PDF)

**Total number of pages:**  
95

**Language:**  
English

**Additional information:**  
Cover graphics: Päivi Talonpoika-Ukkonen  
Enquiries: seppo.o.saari@helsinki.fi

**Internet address:**  
[http://www.helsinki.fi/julkaisut/aineisto/rc\\_evaluation\\_2012/hallinnon\\_julkaisu\\_80\\_46\\_2012.pdf](http://www.helsinki.fi/julkaisut/aineisto/rc_evaluation_2012/hallinnon_julkaisu_80_46_2012.pdf)

## Contents

<b>Panel members</b> .....	<b>1</b>
<b>1 Introduction to the Evaluation</b> .....	<b>5</b>
1.1 RC-specific evaluation reports .....	5
1.2 Aims and objectives in the evaluation .....	5
1.3 Evaluation method .....	5
1.4 Implementation of the external evaluation .....	6
1.5 Evaluation material .....	7
1.6 Evaluation questions and material .....	8
1.7 Evaluation criteria .....	10
1.8 Timetable of the evaluation .....	13
1.9 Evaluation feedback – consensus of the entire panel .....	13
<b>2 Evaluation feedback</b> .....	<b>15</b>
2.1 Focus and quality of the RC's research .....	15
2.2 Practises and quality of doctoral training .....	15
2.3 The societal impact of research and doctoral training .....	16
2.4 International and national (incl. intersectoral) research collaboration and researcher mobility .....	16
2.5 Operational conditions .....	16
2.6 Leadership and management in the researcher community .....	17
2.7 External competitive funding of the RC .....	17
2.8 The RC's strategic action plan for 2011–2013 .....	17
2.9 Evaluation of the category of the RC in the context of entity of the evaluation material (1-8) .....	18
2.10 Short description of how the RC members contributed the compilation of the stage 2 material ...	18
2.11 How the UH's focus areas are presented in the RC's research .....	18
2.12 RC-specific main recommendations .....	18
2.13 RC-specific conclusions .....	18
2.14 Preliminary findings in the University-level evaluation .....	19
<b>3 Appendices</b> .....	<b>21</b>



## Foreword

The evaluation of research and doctoral training is being carried out in the years 2010–2012 and will end in 2012. The steering group appointed by the Rector in January 2010 set the conditions for participating in the evaluation and prepared the Terms of Reference to present the evaluation procedure and criteria. The publications and other scientific activities included in the evaluation covered the years 2005–2010.

The participating unit in the evaluation was defined as a Researcher Community (RC). To obtain a critical mass with university-level impact, the number of members was set to range from 20 to 120. The RCs were required to contain researchers in all stages of their research career, from doctoral students to principal investigators (PIs). All in all, 136 Researcher Communities participated in this voluntary evaluation, 5857 persons in total, of whom 1131 were principal investigators. PIs were allowed to participate in two communities in certain cases, and 72 of them used this opportunity and participated in two RCs.

This evaluation enabled researchers to define RCs from the “bottom up” and across disciplines. The aim of the evaluation was not to assess individual performance but a community with shared aims and researcher-training activities. The RCs were able to choose among five different categories that characterised the status and main aims of their research. The steering group considered the process of applying to participate in the evaluation to be important, which led to the establishment of these categories. In addition, providing a service for the RCs to enable them to benchmark their research at the global level was a main goal of the evaluation.

The data for the evaluation consisted of the RCs’ answers to evaluation questions on supplied e-forms and a compilation extracted from the TUHAT – Research Information System (RIS) on 12 April 2011. The compilation covered scientific and other publications as well as certain areas of scientific activities. During the process, the RCs were asked to check the list of publications and other scientific activities and make corrections if needed. These TUHAT compilations are public and available on the evaluation project sites of each RC in the TUHAT-RIS.

In addition to the e-form and TUHAT compilation, University of Leiden (CWTS) carried out bibliometric analyses from the articles included in the Web of Science (WoS). This was done on University and RC levels. In cases where the publication forums of the RC were clearly not represented by the WoS data, the Library of the University of Helsinki conducted a separate analysis of the publications. This was done for 66 RCs representing the humanities and social sciences.

The evaluation office also carried out an enquiry targeted to the supervisors and PhD candidates about the organisation of doctoral studies at the University of Helsinki. This and other documents describing the University and the Finnish higher education system were provided to the panellists.

The panel feedback for each RC is unique and presented as an entity. The first collective evaluation reports available for the whole panel were prepared in July–August 2011. The reports were accessible to all panel members via the electronic evaluation platform in August. Scoring from 1 to 5 was used to complement written feedback in association with evaluation questions 1–4 (scientific focus and quality, doctoral training, societal impact, cooperation) and in addition to the category evaluating the fitness for participation in the evaluation. Panellists used the international level as a point of comparison in the evaluation. Scoring was not expected to go along with a preset deviation.

Each of the draft reports were discussed and dealt with by the panel in meetings in Helsinki (from 11 September to 13 September or from 18 September to 20 September 2011). In these meetings the panels also examined the deviations among the scores and finalised the draft reports together.

The current RC-specific report deals shortly with the background of the evaluation and the terms of participation. The main evaluation feedback is provided in the evaluation report, organised according to the evaluation questions. The original material provided by the RCs for the panellists has been attached to these documents.

On behalf of the evaluation steering group and office, I sincerely wish to thank you warmly for your participation in this evaluation. The effort you made in submitting the data to TUHAT-RIS is gratefully acknowledged by the University. We wish that you find this panel feedback useful in many ways. The bibliometric profiles may open a new view on your publication forums and provide a perspective for discussion on your choice of forums. We especially hope that this evaluation report will help you in setting the future goals of your research.

Johanna Björkroth  
Vice-Rector  
Chair of the Steering Group of the Evaluation

### **Steering Group of the evaluation**

Steering group, nominated by the Rector of the University, was responsible for the planning of the evaluation and its implementation having altogether 22 meetings between February 2010 and March 2012.

### **Chair**

Vice-Rector, professor **Johanna Björkroth**

### **Vice-Chair**

Professor **Marja Airaksinen**

Chief Information Specialist, Dr **Maria Forsman**

Professor **Arto Mustajoki**

University Lecturer, Dr **Kirsi Pyhälä**

Director of Strategic Planning and Development, Dr **Ossi Tuomi**

Doctoral candidate, MSocSc **Jussi Vauhkonen**



# Panel members

## **CHAIR**

### **Professor Lorenz Poellinger**

Cancer biology, cell and molecular biology  
Karolinska Institute, Sweden

## **VICE-CHAIR**

### **Professor Cornelia van Duijn**

Genetic epidemiology, Alzheimer's disease and related disorders  
Erasmus Medical Centre, the Netherlands

### **Professor Johanna Ivaska**

Molecular cell biology, cell adhesion, cancer biology  
University of Turku, VTT Technical Research Centre, Finland

### **Professor Olli Lassila**

Immunology, medical microbiology  
University of Turku, Finland

### **Professor Hans-Christian Pape**

Neuroscience, neurophysiology  
University of Münster, Germany

### **Professor Thomas Ruzicka**

Dermatology, allergology  
Ludwig-Maximilians-Universität (LMU) München, Germany

### **Professor Lars Terenius**

Experimental alcohol and drug dependence research, mental disorders,  
preventive medicine  
Karolinska Institute, Sweden

### **Professor Peter York**

Physical pharmaceuticals, pharmaceutical chemistry, pharmaceutical  
technology  
University of Bradford, Great Britain

The panel, independently, evaluated all the submitted material and was responsible for the feedback of the RC-specific reports. The panel members were asked to confirm whether they had any conflict of interests with the RCs. If this was the case, the panel members disqualified themselves in discussion and report writing.

Added expertise to the evaluation was contributed by two evaluators outside the panels and by three members from the other panels.

## **External Experts**

### **Professor Olli Carpén**

Pathology, cancer cell metastasis  
University of Turku  
Finland

### **Professor Anders Linde**

Oral biochemi  
Faculty of Odontology  
Göteborg University  
Sweden

### **Experts from the Other Panels**

**Professor Jan-Otto Carlsson**, from the Panel of Natural Sciences

**Professor Danny Huylebroek**, from the Panel of Biological, Agricultural and Veterinary Sciences

**Professor Holger Stark**, from the Panel of Natural Sciences

### **EVALUATION OFFICE**

**Dr Seppo Saari, Doc.**, Senior Adviser in Evaluation, was responsible for the entire evaluation, its planning and implementation and acted as an Editor-in-chief of the reports.

**Dr Eeva Sievi, Doc.**, Adviser, was responsible for the registration and evaluation material compilations for the panellists. She worked in the evaluation office from August 2010 to July 2011.

**MSocSc Paula Ranne**, Planning Officer, was responsible for organising the panel meetings and all the other practical issues like agreements and fees and editing a part the RC-specific reports. She worked in the evaluation office from March 2011 to January 2012.

**Mr Antti Moilanen**, Project Secretary, was responsible for editing the reports. He worked in the evaluation office from January 2012 to April 2012.

### **TUHAT OFFICE**

#### **Provision of the publication and other scientific activity data**

**Mrs Aija Kaitera**, Project Manager of TUHAT-RIS served the project ex officio providing the evaluation project with the updated information from TUHAT-RIS. The TUHAT office assisted in mapping the publications with CWTS/University of Leiden.

**MA Liisa Ekebom**, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation. She also assisted the UH/Library analyses.

**BA Liisa Jäppinen**, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation.

### **HELSINKI UNIVERSITY LIBRARY**

#### **Provision of the publication analyses**

**Dr Maria Forsman**, Chief Information Specialist in the Helsinki University Library, managed with her 10 colleagues the bibliometric analyses in humanities, social sciences and in other fields of sciences where CWTS analyses were not applicable.

## **Acronyms and abbreviations applied in the report**

### **External competitive funding**

AF - Academy of Finland  
TEKES - Finnish Funding Agency for Technology and Innovation  
EU - European Union  
ERC - European Research Council  
International and national foundations  
FP7/6 etc. /Framework Programmes/Funding of European Commission

### **Evaluation marks**

Outstanding (5)  
Excellent (4)  
Very Good (3)  
Good (2)  
Sufficient (1)

### **Abbreviations of Bibliometric Indicators**

P - Number of publications  
TCS - Total number of citations  
MCS - Number of citations per publication, excluding self-citations  
PNC - Percentage of uncited publications  
MNCS - Field-normalized number of citations per publication  
MNJS - Field-normalized average journal impact  
THCP10 - Field-normalized proportion highly cited publications (top 10%)  
INT\_COV - Internal coverage, the average amount of references covered by the WoS  
WoS - Thomson Reuters Web of Science Databases

### **Participation category**

Category 1. The research of the participating community represents the international cutting edge in its field.

Category 2. The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.

Category 3. The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.

Category 4. The research of the participating community represents an innovative opening.

Category 5. The research of the participating community has a highly significant societal impact.

### **Research focus areas of the University of Helsinki**

Focus area 1: The basic structure, materials and natural resources of the physical world

Focus area 2: The basic structure of life

Focus area 3: The changing environment - clean water

Focus area 4: The thinking and learning human being

Focus area 5: Welfare and safety

Focus area 6: Clinical research

Focus area 7: Precise reasoning

Focus area 8: Language and culture

Focus area 9: Social justice

Focus area 10: Globalisation and social change



# 1 Introduction to the Evaluation

## 1.1 RC-specific evaluation reports

The participants in the evaluation of research and doctoral training were Researcher Communities (hereafter referred to as the RC). The RC refers to the group of researchers who registered together in the evaluation of their research and doctoral training. Preconditions in forming RCs were stated in the Guidelines for the Participating Researcher Communities. The RCs defined themselves whether their compositions should be considered well-established or new.

It is essential to emphasise that the evaluation combines both meta-evaluation<sup>1</sup> and traditional research assessment exercise and its focus is both on the research outcomes and procedures associated with research and doctoral training. The approach to the evaluation is enhancement-led where self-evaluation constituted the main information. The answers to the evaluation questions formed together with the information of publications and other scientific activities an entity that was to be reviewed as a whole.

The present evaluation recognizes and justifies the diversity of research practices and publication traditions. Traditional Research Assessment Exercises do not necessarily value high quality research with low volumes or research distinct from mainstream research. It is challenging to expose the diversity of research to fair comparison. To understand the essence of different research practices and to do justice to their diversity was one of the main challenges of the present evaluation method. Understanding the divergent starting points of the RCs demanded sensitivity from the evaluators.

## 1.2 Aims and objectives in the evaluation

The aims of the evaluation are as follows:

- to improve the level of research and doctoral training at the University of Helsinki and to raise their international profile in accordance with the University's strategic policies. The improvement of doctoral training should be compared to the University's policy.<sup>2</sup>
- to enhance the research conducted at the University by taking into account the diversity, originality, multidisciplinary nature, success and field-specificity,
- to recognize the conditions and prerequisites under which excellent, original and high-impact research is carried out,
- to offer the academic community the opportunity to receive topical and versatile international peer feedback,
- to better recognize the University's research potential.
- to exploit the University's TUHAT research information system to enable transparency of publishing activities and in the production of reliable, comparable data.

## 1.3 Evaluation method

The evaluation can be considered as an enhancement-led evaluation. Instead of ranking, the main aim is to provide useful information for the enhancement of research and doctoral training of the participating RCs. The comparison should take into account each field of science and acknowledge their special character.

---

<sup>1</sup> The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics or comparable analyses.

<sup>2</sup> [Policies on doctoral degrees and other postgraduate degrees at the University of Helsinki.](#)

The comparison produced information about the present status and factors that have lead to success. Also challenges in the operations and outcomes were recognized.

The evaluation approach has been designed to recognize better the significance and specific nature of researcher communities and research areas in the multidisciplinary top-level university. Furthermore, one of the aims of the evaluation is to bring to light those evaluation aspects that differ from the prevalent ones. Thus the views of various fields of research can be described and research arising from various starting points understood better. The doctoral training is integrated into the evaluation as a natural component related to research. Operational processes of doctoral training are being examined in the evaluation.

**Five stages of the evaluation method were:**

1. Registration – Stage 1
2. Self-evaluation – Stage 2
3. TUHAT<sup>3</sup> compilations on publications and other scientific activities<sup>4</sup>
4. External evaluation
5. Public reporting

## 1.4 Implementation of the external evaluation

### Five Evaluation Panels

Five evaluation panels consisted of independent, renowned and highly respected experts. The main domains of the panels are:

1. biological, agricultural and veterinary sciences
2. medicine, biomedicine and health sciences
3. natural sciences
4. humanities
5. social sciences

The University invited 10 renowned scientists to act as chairs or vice-chairs of the five panels based on the suggestions of faculties and independent institutes. Besides leading the work of the panel, an additional role of the chairs was to discuss with other panel chairs in order to adopt a broadly similar approach. The panel chairs and vice-chairs had a pre-meeting on 27 May 2011 in Amsterdam.

The panel compositions were nominated by the Rector of the University 27 April 2011. The participating RCs suggested the panel members. The total number of panel members was 50. The reason for a smaller number of panellists as compared to the previous evaluations was the character of the evaluation as a meta-evaluation. The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics and comparable analyses.

The panel meetings were held in Helsinki:

- On 11–13 September 2011: (1) biological, agricultural and veterinary sciences, (2) medicine, biomedicine and health sciences and (3) natural sciences.
- On 18–20 September 2011: (4) humanities and (5) social sciences.

---

<sup>3</sup> TUHAT (acronym) of Research Information System (RIS) of the University of Helsinki

<sup>4</sup> Supervision of thesis, prizes and awards, editorial work and peer reviews, participation in committees, boards and networks and public appearances.

## 1.5 Evaluation material

The main material in the evaluation was the RCs' self-evaluations that were qualitative in character and allowed the RCs to choose what was important to mention or emphasise and what was left unmentioned.

The present evaluation is exceptional at least in the Finnish context because it is based on both the evaluation documentation (self-evaluation questions, publications and other scientific activities) and the bibliometric reports. All documents were delivered to the panellists for examination.

Traditional bibliometrics can be reasonably done mainly in medicine, biosciences and natural sciences when using the Web of Science database, for example. Bibliometrics, provided by CWTS/The Centre for Science and Technology Studies, University of Leiden, cover only the publications that include WoS identification in the TUHAT-RIS.

Traditional bibliometrics are seldom relevant in humanities and social sciences because the international comparable databases do not store every type of high quality research publications, such as books and monographs and scientific journals in other languages than English. The Helsinki University Library has done analysis to the RCs, if their publications were not well represented in the Web of Science databases (RCs should have at least 50 publications and internal coverage of publications more than 40%) – it meant 58 RCs. The bibliometric material for the evaluation panels was available in June 2011. The RC-specific bibliometric reports are attached at the end of each report.

The panels were provided with the evaluation material and all other necessary background information, such as the basic information about the University of Helsinki and the Finnish higher education system.

### Evaluation material

1. Registration documents of the RCs for the background information
2. Self evaluation material – answers to the evaluation questions
3. Publications and other scientific activities based on the TUHAT RIS:
  - 3.1. statistics of publications
  - 3.2. list of publications
  - 3.3. statistics of other scientific activities
  - 3.4. list of other scientific activities
4. Bibliometrics and comparable analyses:
  - 4.1. Analyses of publications based on the verification of TUHAT-RIS publications with the Web of Science publications (CWTS/University of Leiden)
  - 4.2. Publication statistics analysed by the Helsinki University Library - mainly for humanities and social sciences
5. University level survey on doctoral training (August 2011)
6. University level analysis on publications 2005–2010 (August 2011) provided by CWTS/University of Leiden

### Background material

University of Helsinki

- [Basic information about the University of the Helsinki](#)
- [The structure of doctoral training at the University of Helsinki](#)
- Previous evaluations of research at the University of Helsinki – links to the reports: [1998](#) and [2005](#)

The Finnish Universities/Research Institutes

- [Finnish University system](#)
- [Evaluation of the Finnish National Innovation System](#)
- [The State and Quality of Scientific Research in Finland. Publication of the Academy of Finland 9/09.](#)

The evaluation panels were provided also with other relevant material on request before the meetings in Helsinki.

## 1.6 Evaluation questions and material

The participating RCs answered the following evaluation questions which are presented according to the evaluation form. In addition, TUHAT RIS was used to provide the **additional material** as explained. For giving the feedback to the RCs, the panellists received the evaluation feedback form constructed in line with the evaluation questions:

### 1. Focus and quality of the RC's research

- Description of
  - the RC's research focus.
  - the quality of the RC's research (incl. key research questions and results)
  - the scientific significance of the RC's research in the research field(s)
- Identification of the ways to strengthen the focus and improve the quality of the RC's research

The additional material: TUHAT compilation of the RC's publications, analysis of the RC's publications data (provided by University of Leiden and the Helsinki University Library)

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

### 2. Practises and quality of doctoral training

- Organising of the doctoral training in the RC. Description of the RC's principles for:
  - recruitment and selection of doctoral candidates
  - supervision of doctoral candidates
  - collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes
  - good practises and quality assurance in doctoral training
  - assuring of good career perspectives for the doctoral candidates/fresh doctorates
- Identification of the RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.

The additional material: TUHAT compilation of the RC's other scientific activities/supervision of doctoral dissertations

A written feedback from the aspects of: processes and good practices related to leadership and management

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

### 3. The societal impact of research and doctoral training

- Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).
- Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.

The additional material: TUHAT compilation of the RC's other scientific activities.

A written feedback from the aspects of: societal impact, national and international collaboration, innovativeness

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)



#### **4. International and national (incl. intersectoral) research collaboration and researcher mobility**

- Description of
  - the RC's research collaborations and joint doctoral training activities
  - how the RC has promoted researcher mobility
- Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.

A written feedback from the aspects of: scientific quality, national and international collaboration

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

#### **5. Operational conditions**

- Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).
- Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.

A written feedback from the aspects of: processes and good practices related to leadership and management

- Strengths
- Areas of development
- Other remarks
- Recommendations

#### **6. Leadership and management in the researcher community**

- Description of
  - the execution and processes of leadership in the RC
  - how the management-related responsibilities and roles are distributed in the RC
  - how the leadership- and management-related processes support
    - high quality research
    - collaboration between principal investigators and other researchers in the RC
    - the RC's research focus
    - strengthening of the RC's know-how
- Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes

#### **7. External competitive funding of the RC**

- The RCs were asked to provide information of such external competitive funding, where:
  - the funding decisions have been made during 1.1.2005-31.12.2010, and
  - the administrator of the funding is/has been the University of Helsinki
- On the e-form the RCs were asked to provide:
  - 1) The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation , EU, ERC, foundations, other national funding organisations, other international funding organisations), and
  - 2) The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.

Competitive funding reported in the text is also to be considered when evaluating this point.

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness, future significance

- Strengths
- Areas of development
- Other remarks
- Recommendations

#### **8. The RC's strategic action plan for 2011–2013**

- RC's description of their future perspectives in relation to research and doctoral training.

A written feedback from the aspects of: scientific quality, scientific significance, societal impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance

- Strengths
- Areas of development

- Other remarks
- Recommendations

## 9. Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC's fitness to the chosen participation category

A written feedback evaluating the RC's fitness to the chosen participation category

- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

## 10. Short description of how the RC members contributed the compilation of the stage 2 material

Comments on the compilation of evaluation material

## 11. How the UH's focus areas are presented in the RC's research?

Comments if applicable

## 12. RC-specific main recommendations based on the previous questions 1-11

## 13. RC-specific conclusions

# 1.7 Evaluation criteria

The panellists were expected to give evaluative and analytical feedback to each evaluation question according to their aspects in order to describe and justify the quality of the submitted material. In addition, the evaluation feedback was asked to be pointed out the level of the performance according to the following classifications:

- outstanding (5)
- excellent (4)
- very good (3)
- good (2)
- sufficient (1)

Evaluation according to the criteria was to be made with thorough consideration of the entire evaluation material of the RC in question. Finally, in questions 1-4 and 9, the panellists were expected to classify their written feedback into one of the provided levels (the levels included respective descriptions, 'criteria'). Some panels used decimals in marks. The descriptive level was interpreted according to the integers and not rounding up the decimals by the editors.

## Description of criteria levels

### Question 1 – FOCUS AND QUALITY OF THE RC'S RESEARCH

#### Classification: Criteria (level of procedures and results)

#### Outstanding quality of procedures and results (5)

Outstandingly strong research, also from international perspective. Attracts great international interest with a wide impact, including publications in leading journals and/or monographs published by leading international publishing houses. The research has world leading qualities. The research focus, key research questions scientific significance, societal impact and innovativeness are of outstanding quality.

*In cases where the research is of a national character and, in the judgement of the evaluators, should remain so, the concepts of "international attention" or "international impact" etc. in the grading criteria above may be replaced by "international comparability".*

Operations and procedures are of outstanding quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality.

#### **Excellent quality of procedures and results (4)**

Research of excellent quality. Typically published with great impact, also internationally. Without doubt, the research has a leading position in its field in Finland.

Operations and procedures are of excellent quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality.

#### **Very good quality of procedures and results (3)**

The research is of such very good quality that it attracts wide national and international attention.

Operations and procedures are of very good quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

#### **Good quality of procedures and results (2)**

Good research attracting mainly national attention but possessing international potential, extraordinarily high relevance may motivate good research.

Operations and procedures are of good quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

#### **Sufficient quality of procedures and results (1)**

In some cases the research is insufficient and reports do not gain wide circulation or do not have national or international attention. Research activities should be revised.

Operations and procedures are of sufficient quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

### **Question 2 – DOCTORAL TRAINING**

### **Question 3 – SOCIETAL IMPACT**

### **Question 4 – COLLABORATION**

#### **Classification: Criteria (level of procedures and results)**

#### **Outstanding quality of procedures and results (5)**

Procedures are of outstanding quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality. The procedures and results are regularly evaluated and the feedback has an effect on the planning.

#### **Excellent quality of procedures and results (4)**

Procedures are of excellent quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality. The procedures and outcomes are evaluated and the feedback has an effect on the planning.

#### **Very good quality of procedures and results (3)**

Procedures are of very good quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and

management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

#### **Good quality of procedures and results (2)**

Procedures are of good quality, shared occasionally in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

#### **Sufficient quality of procedures and results (1)**

Procedures are of sufficient quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

### **Question 9 – CATEGORY**

Participation category – fitness for the category chosen

The choice and justification for the chosen category below should be reflected in the RC's responses to the evaluation questions 1–8.

1. *The research of the participating community represents the international cutting edge in its field.*
2. *The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.*
3. *The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.* The research is of high quality and has great significance and impact in its field. However, the generally used research evaluation methods do not necessarily shed sufficient light on the merits of the research.
4. *The research of the participating community represents an innovative opening.* A new opening can be an innovative combination of research fields, or it can be proven to have a special social, national or international demand or other significance. Even if the researcher community in its present composition has yet to obtain proof of international success, its members can produce convincing evidence of the high level of their previous research.
5. *The research of the participating community has a highly significant societal impact.* The participating researcher community is able to justify the high social significance of its research. The research may relate to national legislation, media visibility or participation in social debate, or other activities promoting social development and human welfare. In addition to having societal impact, the research must be of a high standard.

#### **An example of outstanding fitness for category choice (5)<sup>5</sup>**

The RC's representation and argumentation for the chosen category were convincing. The RC recognized its real capacity and apparent outcomes in a wider context to the research communities. The specific character of the RC was well-recognized and well stated in the responses. The RC fitted optimally for the category.

- Outstanding (5)
- Excellent (4)
- Very good (3)
- Good (2)
- Sufficient (1)

The above-mentioned definition of outstanding was only an example in order to assist the panellists in the positioning of the classification. There was no exact definition for the category fitness.

---

<sup>5</sup> The panels discussed the category fitness and made the final conclusions of the interpretation of it.

## 1.8 Timetable of the evaluation

The main timetable of the evaluation:

- |  |                       |
|--|-----------------------|
| 1. Registration                            | November 2010         |
| 2. Submission of self-evaluation materials | January–February 2011 |
| 3. External peer review                    | May–September 2011    |
| 4. Published reports                       | March–April 2012      |
| - University level public report           |                       |
| - RC specific reports                      |                       |

The entire evaluation was implemented during the university's strategy period 2010–2012. The preliminary results were available for the planning of the following strategy period in late autumn 2011. The evaluation reports will be published in March/April 2012. More detailed time schedule is published in the University report.

## 1.9 Evaluation feedback – consensus of the entire panel

The panellists evaluated all the RC-specific material before the meetings in Helsinki and mailed the draft reports to the evaluation office. The latest interim versions were on-line available to all the panellists on the Wiki-sites. In September 2011, in Helsinki the panels discussed the material, revised the first draft reports and decided the final numeric evaluation. After the meetings in Helsinki, the panels continued working and finalised the reports before the end of November 2011. The final RC-specific reports are the consensus of the entire panel.

The evaluation reports were written by the panels independently. During the editing process, the evaluation office requested some clarifications from the panels when necessary. The tone and style in the reports were not harmonized in the editing process. All the reports follow the original texts written by the panels as far as it was possible.

The original evaluation material of the RCs, provided for the panellists is attached at the end of the report. It is essential to notice that the exported lists of publications and other scientific activities depend how the data was stored in the TUHAT-RIS by the RCs.



## 2 Evaluation feedback

### 2.1 Focus and quality of the RC's research

- *Description of*
  - *the RC's research focus*
  - *the quality of the RC's research (incl. key research questions and results)*
  - *the scientific significance of the RC's research in the research field(s)*
- *Identification of the ways to strengthen the focus and improve the quality of the RC's research*

*ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness*

The research community of Public Health and Epidemiology Research Community (PURE) represents very high level epidemiological research in Finland and also internationally. The RC has published a high number of publications related to type 2 diabetes (T2D) as well as other prevalent and chronic conditions like dementia and Alzheimer's disease. Several of the epidemiological studies have been published in top journals like Lancet.

This is clearly a very strong RC in its field. They are experts in using large population data to produce novel findings and contribute to new practices in diagnosis and disease prevent/management guidelines also internationally.

The research topics of this RC are very relevant to society and public health. They are focusing on big problems like increasing prevalence of T2D. These researchers have already contributed to diagnosis guidelines in Finland, and these are under evaluation also elsewhere. The RC is active in communicating their findings to public via the media.

This type of research often follows rather traditional tracks and is maybe not best characterized with the word innovative. However, careful evaluation of patient data has led to new disease management guidelines and thus innovation relevant for the everyday life of people.

**Numeric evaluation: 5 (Outstanding)**

### 2.2 Practises and quality of doctoral training

- *Organising of the doctoral training in the RC. Description of the RC's principles for:*
  - *recruitment and selection of doctoral candidates*
  - *supervision of doctoral candidates*
  - *collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes*
  - *good practises and quality assurance in doctoral training*
  - *assuring of good career perspectives for the doctoral candidates/fresh doctorates*
- *Identification of the RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.*
- *Additional material: TUHAT compilation of the RC's other scientific activities/supervision of doctoral dissertations*

*ASPECTS: Processes and good practices related to leadership and management*

While the research is at a top level, the doctoral training seems somewhat unstructured and suffers from limited funding and difficulty in recruiting students.

It seems that students have only one supervisor and no support from a PhD supervisory committee. Nevertheless, the RC has trained many PhDs successfully, and many of these students have continued as post-docs nationally or abroad.

Possibly developing a more structured PhD student recruitment and supervision plan would help in attracting more good candidates in the future.

**Numeric evaluation: 3 (Very good)**

## 2.3 The societal impact of research and doctoral training

- *Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).*
- *Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.*
- *Additional material: TUHAT compilation of the RC's other scientific activities.*

*ASPECTS: Societal impact, national and international collaboration, innovativeness*

Epidemiology related to increasingly prevalent chronic diseases like T2D is very relevant to the society as a whole. The same holds true for other topics of the RC like Alzheimer's, dementia and the real-life performance of widely used drugs like cholesterol drugs and antidepressants.

The members of the RC have also been very active in communicating their findings to the media. They are also actively discussing with the policy makers both in Finland and also internationally.

In addition to the public sector, they have been involved in collaboration with the private sector and have worked as experts in many trust and other advisor positions.

**Numeric evaluation: 5 (Outstanding)**

## 2.4 International and national (incl. intersectoral) research collaboration and researcher mobility

- *Description of*
  - *the RC's research collaborations and joint doctoral training activities*
  - *how the RC has promoted researcher mobility*
- *Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.*

*ASPECTS: Scientific quality, national and international collaboration*

The members of RC have been very active internationally. They have been involved in many large international networks and have extensive international collaboration.

Both nationally and internationally they have been collaborating in top scientific projects and their expertise is appreciated worldwide.

The exchange of scientist between Finland and the rest of the world is hindered by limited funding for such exchange. This is an important point and the policymakers should take this seriously. For a small country with a difficult language, every effort should be made to promote international researcher exchange.

**Numeric evaluation: 5 (Outstanding)**

## 2.5 Operational conditions

- *Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).*
- *Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.*

*ASPECTS: Processes and good practices related to leadership and management*



The researchers have a good balance between teaching responsibilities and research. They feel that their current position allows for sufficient time to concentrate on research. These aspects are not described in detail in the material. Thus, it is not possible to evaluate infrastructure and other resources related to their research.

## 2.6 Leadership and management in the researcher community

- *Description of*
  - *the execution and processes of leadership in the RC*
  - *how the management-related responsibilities and roles are distributed in the RC*
  - *how the leadership- and management-related processes support*
    - *high quality research*
    - *collaboration between principal investigators and other researchers in the RC*
    - *the RC's research focus*
    - *strengthening of the RC's know-how*
- *Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes*

*ASPECTS: Processes and good practices related to leadership and management*

As usual, each PI in the RC has his own responsibilities mainly towards his own research. Thus it has not been necessary to develop any specific management structure.

## 2.7 External competitive funding of the RC

- *The RCs were asked to provide information of such external competitive funding, where:*
  - *the funding decisions have been made during 1.1.2005–31.12.2010, and*
  - *the administrator of the funding is/has been the University of Helsinki*
- *On the e-form the RCs were asked to provide:*
  - 1) *The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation, EU, ERC, foundations, other national funding organisations, other international funding organizations), and*
  - 2) *The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.*

*Competitive funding reported in the text is also to be considered when evaluating this point.*

*ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness and future significance*

The funding level is high. The main funding comes from the Academy of Finland, Finnish charities, EVO and EU projects. Important funding is also secured from international sources from disease associations and also from the private sector.

It is somewhat surprising that the PIs have not been involved in ERC funded research even though their science is world class.

## 2.8 The RC's strategic action plan for 2011–2013

- *RC's description of their future perspectives in relation to research and doctoral training.*

*ASPECTS: Scientific quality, scientific significance, societal Impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance*

Very limited information is provided on this point. As with most research areas the research is dependent on the ability to secure outside funding. No plans on the future directions of the research are provided in the submitted material.

## **2.9 Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)**

*The RC's fitness to the chosen participation category.*

*Category 1. The research of the participating community represents the international cutting edge in its field.*

This RC is clearly conducting research which is cutting edge in its field. The RC has an impressively long list of publications in peer-reviewed journals including large cohort based studies published in journals like Lancet. The RC has made important contributions to our understanding of prevalent chronic diseases. Their research data have been used to set up guidelines for healthcare professionals.

The RC is internationally very well connected and has a high level of national and international collaboration. They also have been able to secure outside funding from multiple sources.

The present research environment is good, and the resources are sufficient. However, there is clearly a frustration for the lack of position offered by the university to their research.

The research training could be developed more with structured follow-up possibly in the form of supervisory committees for the students. This would facilitate following up the progress of the research and also provide external input.

**Numeric evaluation: 4 (Excellent)**

## **2.10 Short description of how the RC members contributed the compilation of the stage 2 material**

—

## **2.11 How the UH's focus areas are presented in the RC's research**

*Focus area 5: Welfare and safety*

## **2.12 RC-specific main recommendations**

The University of Helsinki should consider whether they would like to secure this type of research in the future by allocating some resources to the RC. However, the majority of the funding should also in the future be competitive and come from outside preferably international sources. This should not be a problem if the research continues with the same high levels as has been the case in the past 5 years.

Plans should be made to somehow strengthen the recruitment of talented and motivated students since this was mentioned as a challenge at the moment.

## **2.13 RC-specific conclusions**

This is clearly a world-class RC which is making important epidemiological studies related to public health. As the cost of health care is a constantly increasing, problem management and possibly prevention of life-style related disease are important.

The willingness to contribute to public knowledge and discussion in addition to policy making should be commended on.

## **2.14 Preliminary findings in the University-level evaluation**

The RC is clearly world-class and is doing important epidemiological research on T2D, Alzheimer's and drug efficacy. They are involved in many large international consortia, and they have good and large population-based databases in their research. Thus, they represent very high level epidemiological research in Finland and also internationally. The RC has published a high number of publications. Several of the epidemiological studies have been published in top journals like Lancet.

This is clearly a very strong RC in its field. They are experts in using large population data to produce novel findings and contribute to new practices in diagnosis and disease prevent/management guidelines also internationally.

The RC has successfully trained many students and post-docs who have done well later in their careers. However, recruitment seems to be an issue to some extent. The panel strongly recommends the RC to consider a more structured PhD training curriculum with supervisory committees. This might help in student recruitment.

The research carried out by the RC has a high societal impact since it involves investigation of many prevalent diseases on the population level. In line with this, the RC has been actively involved in policy-making and also communicating their findings to the general public.

The RC is strongly involved in many international networks and has excessive collaboration with many outside partners. Thus, the panel only recommends continuing collaboration as it is now.

The funding situation seems good and there are many sources, both national and international, for the research. The panel was somewhat surprised that none of the PIs had ERC-funding albeit their high international standards. Applying for this kind of funding is recommended.

The plans for the future were appropriate and are likely to facilitate success also in the coming years.



# 3 Appendices

- A. Original evaluation material
  - a. Registration material – Stage 1
  - b. Answers to evaluation questions – Stage 2
  - c. List of publications
  - d. List of other scientific activities
- B. Bibliometric analyses
  - a. Analysis provided by CWTS/University of Leiden
  - b. Analysis provided by Helsinki University Library (66 RCs)



International evaluation of research and doctoral training  
at the University of Helsinki 2005-2010

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW

NAME OF THE RESEARCHER COMMUNITY:

Public Health and Epidemiology Research Community (PURE)

LEADER OF THE RESEARCHER COMMUNITY:

Professor Jaakko Tuomilehto, Hjelt Institute

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW:

- Material submitted by the RC at stages 1 and 2 of the evaluation
  - STAGE 1 material: RC's registration form (incl. list of RC participants in an excel table)
  - STAGE 2 material: RC's answers to evaluation questions
- TUHAT compilations of the RC members' publications 1.1.2005-31.12.2010
- TUHAT compilations of the RC members' other scientific activities 1.1.2005-31.12.2010
- Web of Science(WoS)-based bibliometrics of the RC's publications data 1.1.2005-31.12.2010 (analysis carried out by CWTS, Leiden University)

*NB! Since Web of Science(WoS)-based bibliometrics does not provide representative results for most RCs representing humanities, social sciences and computer sciences, the publications of these RCs will be analyzed by the UH Library (results available by the end of June, 2011)*



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

1 RESPONSIBLE PERSON

Name: Tuomilehto, Jaakko

E-mail:

Phone: +358405016316

Affiliation: Hjelt Institute, Department of Public Health

Street address: Mannerheimintie 172, 00300 Helsinki

2 DESCRIPTION OF THE PARTICIPATING RESEARCHER COMMUNITY (RC)

Name of the participating RC (max. 30 characters): Public Health and Epidemiology Research Community

Acronym for the participating RC (max. 10 characters): PURE

Description of the operational basis in 2005-2010 (eg. research collaboration, joint doctoral training activities) on which the RC was formed (MAX. 2200 characters with spaces): This RC has a joint doctoral training programme, it carries out research based on the common research methodology. There is a strong emphasis on prevention of major health problems. The research and training of this RC is highly multidisciplinary, and it has also a strong international collaboration.

3 SCIENTIFIC FIELDS OF THE RC

Main scientific field of the RC's research: medicine, biomedicine and health sciences

RC's scientific subfield 1: Public, Environmental and Occupational Health

RC's scientific subfield 2: Cardiac and Cardiovascular System

RC's scientific subfield 3: Endocrinology and Metabolism

RC's scientific subfield 4: Nutrition and Dietetics

Other, if not in the list: epidemiology, genetic epidemiology, neuroepidemiology, physical activity research, dementia, randomised controlled trials, pharmacoepidemiology, cancer epidemiology, psychiatric epidemiology

4 RC'S PARTICIPATION CATEGORY

Participation category: 1. Research of the participating community represents the international cutting edge in its field

Justification for the selected participation category (MAX. 2200 characters with spaces): Our RC is considered as one of the leading groups in the field epidemiology and prevention of type 2 diabetes (T2D). We are coordinating several international collaborative projects in T2D epidemiology, e.g. the European and Asian DECODE/DECODA studies that form the basis for the current classification of diabetes and glucose intolerance. We have been chosen to coordinate the worldwide "Global Burden of Diabetes" effort.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

We developed the Finnish Diabetes Risk Score that is now used throughout Europe and also outside, and it is now validated globally by the International Diabetes Federation project. We have been centrally involved in the planning, implementation and evaluation of the Finnish national T2D prevention programme, the first of its kind in the world. In addition, our expertise in T2D prevention has currently been used in many worldwide. The NIH sponsored FUSION (Finland-United States Investigation of Non-insulin dependent Diabetes) is one of the leading projects in the world aiming at identifying genes predisposing to T2D.

Our prospective studies have been instrumental in the new understanding of the development of dementia and Alzheimer's Disease (AD), in particular the role of vascular and lifestyle risk factors.

We study the long-term health effects of human displacement on health using individual-level panel data on forced migrants and comparable non-migrants. After World War II, Finland ceded a tenth of its territory to the Soviet Union and resettled the entire population living in these areas in the remaining parts. Study is based on linking on national registers of health, family structure, and causes of death.

Pharmoepidemiologic studies are targeted on "real-world" performance of antidepressants, antipsychotics and statins, which all among the most prevalent drugs. Main target is to study effect on mortality and other end-points such as rehospitalization in out-patient populations.

5 DESCRIPTION OF THE RC'S RESEARCH AND DOCTORAL TRAINING

Public description of the RC's research and doctoral training (MAX. 2200 characters with spaces): The common denominator of this RC is the research and training aiming at prevention of major public health problems, particularly chronic diseases. Much of the work both in research and training have international dimensions. The PI and other members of the RC has participated as faculty members in a large number of research training programmes both within the University but also outside, and in many international courses.

Significance of the RC's research and doctoral training for the University of Helsinki (MAX. 2200 characters with spaces): RC provides doctoral post-doctoral training for research workers in epidemiology and pharmcoepidemiology.

Keywords: epidemiology, prevention, nutrition, physical activity, smoking, obesity, lifestyle, genetics, genetic epidemiology, gene-lifestyle interaction, controlled clinical trials, community-based interventions, diabetes, cardiovascular disease, biostatistics, pharmcoepidemiology, psychiatric epidemiology

6 QUALITY OF RC'S RESEARCH AND DOCTORAL TRAINING

Justified estimate of the quality of the RC's research and doctoral training at national and international level during 2005-2010 (MAX. 2200 characters with spaces): Several published scientific papers indicate high quality of research and doctoral training.

Comments on how the RC's scientific productivity and doctoral training should be evaluated (MAX. 2200 characters with spaces): Published doctoral thesis.



LIST OF RC MEMBERS

NAME			Public Health and Epidemiology Research Community (PURE)		
RC-LEADER			J. Tuomilehto		
CATEGORY			1		
	Last name	First name	PI-status (TUHAT- check, lista 16.11.)	Title of research and teaching personnel	Affiliation
1	Tuomilehto	Jaakko	x	Professor	University of Helsinki
2	Sarna	Seppo	x	Professor	University of Helsinki
3	Koskenvuo	markku	x	Professor	University of Helsinki
4	Haukka	Jari	x	Research Director	University of Helsinki
5	Pitkaniemi	Janne		post-doc researcher	University of Helsinki
6	Vuorinen	Heikki	x	Senior researcher	University of Helsinki
7	Qiao	Qing	x	Research Director	University of Helsinki
8	Lindström	Jaana		doctoral candidate (completed)	National Institute for Health and Welfare
9	Harjutsalo	Valma		doctoral candidate (completed)	National Institute for Health and Welfare
10	Yliharsilä	Hilkka		doctoral candidate (completed)	National Institute for Health and Welfare
11	Bidel	Siamak		doctoral candidate (completed)	University of Helsinki
12	Linnanmäki	Eila		doctoral candidate (completed)	University of Helsinki
13	Sarkio	Maria		doctoral candidate (completed)	University of Helsinki
14	Bäckmand	Heli		doctoral candidate (completed)	National Institute for Health and Welfare
15	Korkeila	Katriina		doctoral candidate (completed)	University of Tampere
16	Pajala	Satu		doctoral candidate (completed)	University of Jyväskylä
17	Backman	Tiina		doctoral candidate (completed)	University of Turku
18	Heinonen-Guzejev	Marja		doctoral candidate (completed)	University of Helsinki
19	Heikkinen	Mari		doctoral candidate	University of Helsinki
20	Haapakankare	Tapio		doctoral candidate	University of Helsinki

INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI**RC-SPECIFIC STAGE 2 MATERIAL****BACKGROUND INFORMATION**

**Name of the RC's responsible person:** Tuomilehto, Jaakko

**E-mail of the RC's responsible person:** jaakko.tuomilehto@thl.fi

**Name and acronym of the participating RC:** Public Health and Epidemiology Research Community, PURE

**The RC's research represents the following key focus area of UH:** 5. Hyvinvointi ja turvallisuus – Welfare and safety

**Comments for selecting/not selecting the key focus area:** B. The key focus of the PURE RC is on epidemiology and prevention, chronic non-communicable diseases in particular. Our RC however has also been involved in clinical research: randomised controlled trials, disease prediction, disease management, disease outcome and genetics.

**1 FOCUS AND QUALITY OF RC'S RESEARCH (MAX. 8800 CHARACTERS WITH SPACES)**

- **Description of the RC's research focus, the quality of the RC's research (incl. key research questions and results) and the scientific significance of the RC's research for the research field(s).**

The RC's Research focus

The key focus of the PURE RC is on epidemiology and prevention. The primary interest has been on diabetes (both type 1 and type 2), hypertension, stroke, coronary heart disease, dementia and Alzheimer's disease, Parkinson's disease, rheumatoid disorders and cancer.

The exposure parameters in our research include a wide range of factors, genetic and non-genetic, modifiable and non-modifiable, socio-demographic, behavioural, dietary, anthropometric, physical activity, biomarkers, etc.

We have carried out 1) observational studies and descriptive studies to generate hypotheses and describing disease distributions and trends; 2) analytic studies testing specific hypotheses, research to reveal new knowledge about the aetiology of various diseases, studies on interactions between various risk factors and exposures; 3) intervention studies using both non-pharmacologic and pharmacologic approaches. In addition, we have been involved in numerous meta-analyses on various topics.

Quality of the RC's research

Here we list selected research questions that will demonstrate the quality of the RC's research. These are not in priority order.

1. Can we prevent type 2 diabetes by lifestyle intervention?: we have shown its efficacy and feasibility.
2. How to screen for type 2 diabetes and its risk?: we have developed a simple and convenient risk score based on prospective data and validated it also in other populations.

INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI**RC-SPECIFIC STAGE 2 MATERIAL**

3. How to diagnose and classify type 2 diabetes and intermediate hyperglycaemia?: our results emphasize the importance of post-challenge plasma glucose level after an oral glucose load, measurement of fasting glucose may be less important.
4. What is the role of susceptibility genes in the development of type 2 diabetes: together with other researchers we have now identified >30 susceptibility genes. We have also shown that some of them may indicate whether lifestyle intervention works in reducing the risk.
5. What are the global variation and secular trends in the incidence of childhood type 1 diabetes?: we have shown that type 1 diabetes incidence varies dramatically between populations, there is >350-fold variation with Finland having the highest incidence; the incidence however is increasing everywhere.
6. How important are susceptibility genes for type 1 diabetes for the development of the disease?: we have shown in population-based cohorts that in identical twins the concordance is well under 50%. Similarly, in HLA-identical siblings the concordance is about 35%. Modelling the twin data shows that genetic effects explain about 80% of the disease risk. HLA genes explain most of this susceptibility, but also other genes have been detected to be associated with type 1 diabetes.
7. What are susceptibility genes for diabetic nephropathy?: we carried out the first whole-genome linkage analysis in type 1 diabetic patients and identified a region in Chr. 3
8. What are the risk factors for dementia and Alzheimer's disease?: we have identified that mid-life vascular risk factors and lifestyle risk factors on the development of dementia and Alzheimer's disease in late-life has been instrumental in establishing the new paradigm that the risk factors for dementia are virtually the same as those for cardiovascular disease. There is an effect-modification by the ApoE  $\epsilon$ 4 genotype.
9. Is treatment of hypertension beneficial in the very elderly?: active antihypertensive therapy in hypertensive people aged 80 years or above reduces the risk of stroke and cardiac events and dementia.
10. Has management of hypertension improved in Finland?: we have shown that more hypertensive patients are being treated and also more effectively during the recent years.
11. Can sleep apnoea be prevented by weight loss?: we carried out a randomised trial and showed a dramatic improvement in sleep apnoea associated with weight loss.

The scientific significance of the RC's research

The research of PURE RC has been scientifically highly significant. Several lines of our research have produced novel findings and contributed to the current evidence-based diagnostic or management guidelines. The main achievements are listed below:

- Our pioneering work on lifestyle prevention of type 2 diabetes has had a huge impact globally.
- Finland has been the first country in the world implementing a national type 2 diabetes prevention programme – our RC's contribution to its planning and evaluation has been very significant. We have also coordinated a European-wide project (DE-PLAN, "Diabetes in Europe - Prevention using Lifestyle, Physical Activity and Nutritional intervention") to initiate diabetes prevention in 17 countries..
- Our data and results have significantly contributed to international guidelines on the classification and diagnostic criteria of diabetes and hyperglycaemia.
- We have developed the Finnish Diabetes Risk Score that is widely used in Finland, other European countries and several non-European countries to screen for the risk of type 2 diabetes.
- We have mapped the childhood type 1 diabetes incidence worldwide and showed that the incidence is increasing in all countries and that Finland has the highest incidence in the world. Our twin and family studies have demonstrated that the concordance for type 1 diabetes in co-twins



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

**RC-SPECIFIC STAGE 2 MATERIAL**

and siblings is relatively low, but nevertheless the genetic component for the disease risk is prominent.

- Hypertension in the Very Elderly Trial where we participated showed marked benefits of active antihypertensive therapy in hypertensive people aged 80 years or above. Several other studies in hypertension in which we have been involved have also had high impact.
- Our research on mid-life vascular risk factors and lifestyle risk factors on the development of dementia and Alzheimer's disease in late-life has been instrumental in establishing the new paradigm that the risk factors for dementia are virtually the same as those for cardiovascular disease.
- Our RC has actively taken part in collaborative efforts to identify susceptibility genes for diabetes and several quantitative traits.
- Our large prospective studies with multiple risk factors have provided large amount of new data on risk factors for various chronic diseases, particularly joint and independent effects of different factors.
- Finland is one of the few countries in the world where we have established epidemiological studies in order to assess secular trends in chronic diseases and their risk factors. Our RC has been actively involved in these studies.

• **Ways to strengthen the focus and improve the quality of the RC's research.**

The main issue is related to the resources available to support this RC's work. Until present, almost the entire manpower and other resources have been covered by funds obtained through competitive grants. This has taken much time from the actual research among senior staff members. University has provided part of space and basic equipments. We have accumulated excellent data sets over the years and many of the participants to our studies are still followed up for various outcomes. Thus, many data sets will improve with a longer duration.

**2 PRACTISES AND QUALITY OF DOCTORAL TRAINING (MAX. 8800 CHARACTERS WITH SPACES)**

- **How is doctoral training organised in the RC? Description of the RC's principles for recruitment and selection of doctoral candidates, supervision of doctoral candidates, collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes, good practises and quality assurance in doctoral training, and assuring good career perspectives for the doctoral candidates/fresh doctorates.**

Recruitment and selection of doctoral candidates.

Doctoral candidates in the RC have been entirely people who have been working in some of the projects in the RC. They have joined the RC either as doctoral fellows or researchers without any clear plan at the time when joining whether they want to a doctoral thesis but later on decided to do so. Some of the doctoral candidates actually started their doctoral training after they had prepared a Master thesis in the RC.

Supervision of doctoral candidates

Supervision has involved meetings and ad hoc discussions between supervisor and the candidate, reviewing the analysis of data and manuscripts drafted. Methodological training recommended to be sufficient for academic work. Reading materials recommended.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

**RC-SPECIFIC STAGE 2 MATERIAL**

Collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes.

The PURE RC has a very strong and active collaboration with several national and international institutions.

Good practices and quality assurance in doctoral training

Follow-up of the progress in terms of data analyses and manuscript writing. Discussions regarding the content.

Assuring good career perspectives for the doctoral candidates/fresh doctorates.

For many fresh doctorates a post-doc position has been offered, depending on funding available (in most cases has been). Also, possibilities for post-doctoral work abroad explored regularly.

• **RC's strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.**

The major strengths are 1) excellent research projects and data bases permitting to design innovative research lines; 2) active collaboration with several high-quality institutions in Finland or abroad.

Challenges are: 1) limited resources to recruit doctoral candidates due to the lack of research funds, and in particular, lack of positions for doctoral candidates at the University; 2) very few people are seeking for such candidate positions due to low salary or due to low interest in scientific research in general.

**3 SOCIETAL IMPACT OF RESEARCH AND DOCTORAL TRAINING (MAX. 4400 CHARACTERS WITH SPACES)**

• **Description of how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).**

Much of the work carried out by the RC has public health relevance and direct societal application. We have carried out many studies with private sector and contributed to the societal aspects of health through many policies outside health sector.

• **Ways to strengthen the societal impact of the RC's research and doctoral training.**

In our field of research it would be relatively simple. Research programmes and doctoral training as part of such programs can be jointly designed with appropriate stakeholders in the society. Obviously, this means that societal stakeholders, both public and private, must also participate actively in research funding in order to foster the societal impact of our RC's research. It cannot be one-sided issue only.

INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI**RC-SPECIFIC STAGE 2 MATERIAL****4 INTERNATIONAL AND NATIONAL (INCL. INTERSECTORAL) RESEARCH COLLABORATION AND RESEARCHER MOBILITY (MAX. 4400 CHARACTERS WITH SPACES)**

- **Description of the RC's research collaborations and joint doctoral training activities and how the RC has promoted researcher mobility.**

The RC's research collaborations and joint doctoral training activities.

The PURE RC has very wide research collaboration and it is actively involved in joint research training activities. We lecture in several international post-graduate courses every year. Most of the research is carried out in collaboration with other institutes and much of it is international. There have been more than 30 multinational research projects during the last 5 years, many of them long-term. The collaboration is also clearly seen in our publications. Many of our doctoral candidates come from other countries, some of the return back some of them stay in Finland after their doctoral thesis.

How the RC has promoted researcher mobility.

The RC has promoted participation in international training courses and scientific conferences and provided support for such. We also have had visiting scientists for variable periods.

- **RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.**

The primary strength has been the fact that the RC has a very large international research collaboration network. It has been easy and convenient to arrange researcher mobility. Many collaborative projects will continue.

The biggest challenge is funding for visiting scientists, both from and to Finland. While some funds exist, they are limited and highly competitive. Another major problem is the Finnish language that will require special efforts to learn and is not attractive for many people who are planning an international career, although our research environment uses primarily English.

**5 OPERATIONAL CONDITIONS (MAX. 4400 CHARACTERS WITH SPACES)**

- **Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).**

Teaching duties are not so overwhelming that they would cause any major problem to carry out successful research.

- **RC's strengths and challenges related to operational conditions, and the actions planned for their development.**

Not relevant.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

**RC-SPECIFIC STAGE 2 MATERIAL**

**6 LEADERSHIP AND MANAGEMENT IN THE RESEARCHER COMMUNITY (MAX. 4400 CHARACTERS WITH SPACES)**

- **Description of the execution and processes of leadership in the RC, how the management-related responsibilities and roles are distributed in the RC and how the leadership- and management-related processes support high quality research, collaboration between principal investigators and other researchers in the RC, the RC's research focus and strengthening of the RC's know-how.**

The execution and processes of leadership in the RC

Each senior researcher has her/his own responsibilities and uses own leadership processes in this RC. There is no specific execution process in place and it is unclear whether it is needed, since each project is independent.

How the management-related responsibilities and roles are distributed in the RC.

Each senior researcher has her/his own responsibilities and uses own leadership processes in this RC. There is no specific execution process in place and it is unclear whether it is needed, since each project is independent.

How the leadership- and management-related processes support:

- high quality research
- collaboration between principal investigators and other researchers in the RC
- the RC's research focus
- strengthening of the RC's know-how

Each senior researcher has her/his own responsibilities and uses own leadership processes in this RC. There is no specific execution process in place and it is unclear whether it is needed, since each project is independent.

- **RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes.**

Not relevant.

**7 EXTERNAL COMPETITIVE FUNDING OF THE RC**

- **Listing of the RCs external competitive funding, where:**
  - the funding decisions have been made during 1.1.2005-31.12.2010, and
  - the administrator of the funding is/has been the University of Helsinki
- **Academy of Finland (AF)** - total amount of funding (in euros) AF has decided to allocate to the RC members during 1.1.2005-31.12.2010: **646120**
- **Finnish Funding Agency for Technology and Innovation (TEKES)** - total amount of funding (in euros) TEKES has decided to allocate to the RC members during 1.1.2005-31.12.2010:



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

**RC-SPECIFIC STAGE 2 MATERIAL**

- **European Union (EU)** - total amount of funding (in euros) EU has decided to allocate to the RC members during 1.1.2005-31.12.2010: **1207523**
- **European Research Council (ERC)** - total amount of funding (in euros) ERC has decided to allocate to the RC members during 1.1.2005-31.12.2010:
- **International and national foundations** – names of international and national foundations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
  - names of the foundations: **Juho Vainio Foundation, Finnish Cancer Foundation, Yrjö Jahnsson Foundation**
  - total amount of funding (in euros) from the above-mentioned foundations: **194600**
- **Other international funding** - names of other international funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
  - names of the funding organizations: **American Diabetes Association, World Diabetes Federation, European Foundation for Study of Diabetes, NovoNordisk, AstraZeneca**
  - total amount of funding (in euros) from the above-mentioned funding organizations: **648718**
- **Other national funding** (incl. EVO funding and Ministry of Education and Culture funded doctoral programme positions) - names of other national funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
  - names of the funding organizations: **EVO funding of the city of Oulu, CIMO, DPPH, The Social Insurance Institution**
  - total amount of funding (in euros) from the above-mentioned funding organizations: **122248**

**8 RC'S STRATEGIC ACTION PLAN FOR 2011–2013 (MAX. 4400 CHARACTERS WITH SPACES)**

- **Description of the RC's future perspectives in respect to research and doctoral training.**

Since the University is not directly supporting our RC, the future is related to the implementation of the current research projects that depend on outside funding, and therefore not fully secured. If research funding is ceased or reduced, there will be lesser possibilities for doctoral training.

**9 SHORT DESCRIPTION OF HOW THE RC MEMBERS HAVE CONTRIBUTED TO THE COMPILATION OF THE STAGE 2 MATERIALS (MAX. 1100 CHARACTERS WITH SPACES).**





INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

**1 Analysis of publications**

- Associated person is one of Jaakko Tuomilehto ,  
Jari Haukka ,  
Qing Qiao ,  
Marja Heinonen-Guzejev ,

Seppo Sarna ,  
Janne Mikael Pitkaniemi ,  
Jaana Lindström, Hilkka Maaria Yliharsilä ,

Markku Koskenvuo ,  
Heikki S Vuorinen ,  
Siamak Bidel ,

Publication type	Publication year						Total Count 2005 - 2010
	2005	2006	2007	2008	2009	2010	
A1 Refereed journal article	88	72	94	101	94	97	546
A2 Review in scientific journal	2					2	4
A3 Contribution to book/other compilations (refereed)	5	2	17		3	3	30
A4 Article in conference publication (refereed)	3	4		1			8
B1 Unrefereed journal article	6	11	3	10	8	6	44
B2 Contribution to book/other compilations (non-refereed)			7				7
B3 Unrefereed article in conference proceedings	1						1
C1 Published scientific monograph		1			1	1	3
C2 Edited book, compilation, conference proceeding or special issue of journal			5		1		6
D2 Article in professional hand or guide book or in a professional data system, or text book material		1					1
D4 Published development or research report						1	1
E1 Popular article, newspaper article	2			1			3
E2 Popular monograph						1	1



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

## 2 Listing of publications

### A1 Refereed journal article

#### 2005

- Alberti, KGMM, Zimmet, P, Shaw, J, Tuomilehto, J **2005**, 'The metabolic syndrome: a new worldwide definition', **Lancet**, vol 366, no. 9491, pp. 1059-1062.
- Alfthan, G, Pussinen, PJ, Jousilahti, P, Tuomilehto, J **2005**, 'Homocysteine is a risk factor for stroke in Finnish women but not in men: A 15-year prospective analysis', **Atherosclerosis. Supplements**, vol 6, pp. 146-146.
- Arajärvi, R, Suvisaari, J, Suokas, J, Schreck, M, Haukka, J, Hintikka, J, Partonen, T, Lönnqvist, J **2005**, 'Prevalence and diagnosis of schizophrenia based on register, case record and interview data in an isolated Finnish birth cohort born 1940-1969', **Social Psychiatry and Psychiatric Epidemiology**, vol 40, pp. 808-816.
- Backman, T, Rauramo, I, Jaakkola, K, Inki, P, Vaahtera, K, Launonen, A, Koskenvuo, M **2005**, 'Use of the levonorgestrel-releasing intrauterine system and breast cancer', **Obstetrics and Gynecology**, vol 106, no. 4, pp. 813-817.
- Barengo, NC, Hu, G, Kastarinen, M, Lakka, TA, Pekkarinen, H, Nissinen, A, Tuomilehto, J **2005**, 'Low physical activity as a predictor for antihypertensive drug treatment in 25-64-year-old populations in Eastern and south-western Finland', **Journal of Hypertension**, vol 23, no. 2, pp. 293-299.
- Bidel, S, Mustonen, H, Khalighi-Sikaroudi, G, Lehtonen, E, Puolakkainen, P, Kiviluoto, T, Kivilaakso, E **2005**, 'Effect of the ulcerogenic agents ethanol, acetylsalicylic acid and taurocholate on actin cytoskeleton and cell motility in cultured rat gastric mucosal cells', **World Journal of Gastroenterology**, vol 11, no. 26, pp. 4032-4039.
- Borodulin, K, Laatikainen, T, Lahti-Koski, M, Lakka, TA, Laukkanen, R, Sarna, S, Jousilahti, P **2005**, 'Associations between estimated aerobic fitness and cardiovascular risk factors in adults with different levels of abdominal obesity', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 12, no. 2, pp. 126-131.
- Bosnyak, Z, Nishimura, R, Hagan Hughes, M, Tajima, N, Becker, D, Tuomilehto, J, Orchard, TJ **2005**, 'Excess mortality in Black compared with White patients with Type 1 diabetes: an examination of underlying causes', **Diabetic Medicine**, vol 22, no. 12, pp. 1636-1641.
- Dahlöf, B, Sever, PS, Poulter, NR, Wedel, H, Beevers, DG, Caulfield, M, Collins, R, Kjeldsen, SE, Kristinsson, A, McInnes, GT, Mehlsen, J, Nieminen, M, O'Brien, E, Östergren, J, Tuomilehto, J **2005**, 'Prevention of cardiovascular events with an antihypertensive regimen of amlodipine adding perindopril as required versus atenolol adding bendroflumethiazide as required, in the Anglo-Scandinavian Cardiac Outcomes Trial-Blood Pressure Lowering Arm (ASCOT-BPLA)', **Lancet**, vol 366, no. 9489, pp. 895-906.
- Dahlöf, B, Sever, PS, Poulter, NR, Wedel, H, Beevers, DG, Caulfield, M, Collins, R, Kjeldsen, SE, Kristinsson, A, McInnes, GT, Mehlsen, J, Nieminen, M, O'Brien, E, Östergren, J, Tuomilehto, J **2005**, 'Prevention of cardiovascular events with an antihypertensive regimen of amlodipine adding perindopril as required versus atenolol adding bendroflumethiazide as required, in the Anglo-Scandinavian Cardiac Outcomes Trial-Blood Pressure Lowering Arm (ASCOT-BPLA): a multicentre randomised controlled trial', **Lancet**, vol 366, no. 9489, pp. 895-906.
- Dong, Y, Gao, W, Nan, H, Yu, H, Li, F, Duan, W, Wang, Y, Sun, B, Qian, R, Tuomilehto, J, Qiao, Q **2005**, 'Prevalence of Type 2 diabetes in urban and rural Chinese populations in Qingdao, China', **Diabetic Medicine**, vol 22, no. 10, pp. 1427-1433.
- Hannila-Handelberg, T, Kontula, K, Tikkanen, I, Tikkanen, T, Fyhrquist, F, Helin, K, Fodstad, H, Piippo, K, Miettinen, HE, Virtamo, J, Krusius, T, Sarna, S, Gautschi, I, Schild, L, Hiltunen, TP, Hannila-Handerberg, T **2005**, 'Common variants of the beta and gamma subunits of the epithelial sodium channel and their relation to plasma renin and aldosterone levels in essential hypertension', **BMC Medical Genetics**, vol 6.
- Harjutsalo, V, Podar, T, Tuomilehto, J **2005**, 'Cumulative incidence of type 1 diabetes in 10,168 siblings of Finnish young-onset type 1 diabetic patients', **Diabetes**, vol 54, no. 2, pp. 563-569.
- Heinonen-Guzejev, M, Vuorinen, HS, Mussalo-Rauhamaa, H, Heikkilä, K, Koskenvuo, M, Kaprio, J **2005**, 'Genetic component of noise sensitivity', **Twin Research and Human Genetics**, vol 8, no. 3, pp. 245-249.
- Hokkanen, S, Kosunen, T, Sarna, S, Miettinen, A, Salomaa, A, Aromaa, A, Knekt, P, Rautelin, H **2005**, 'Normal serum pepsinogen I levels in adults: a population-based study with special reference to Helicobacter pylori infection and parietal cell antibodies', **Scandinavian Journal of Clinical & Laboratory Investigation**, vol 65, no. 4, pp. 291-300.
- Hu, G, Jousilahti, P, Peltonen, M, Lindström, J, Tuomilehto, J **2005**, 'Urinary sodium and potassium excretion and the risk of type 2 diabetes: a prospective study in Finland', **Diabetologia**, vol 48, no. 8, pp. 1477-1483.
- Hu, G, Jousilahti, P, Barengo, NC, Qiao, Q, Lakka, TA, Tuomilehto, J **2005**, 'Physical activity, cardiovascular risk factors, and mortality among Finnish adults with diabetes', **Diabetes Care**, vol 28, no. 4, pp. 799-805.
- Hu, G, Sarti, C, Jousilahti, P, Peltonen, M, Qiao, Q, Antikainen, R, Tuomilehto, J **2005**, 'The impact of history of hypertension and type 2 diabetes at baseline on the incidence of stroke and stroke mortality', **Stroke**, vol 36, pp. 2538-2543.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Hu, G, Jousilahti, P, Qiao, Q, Peltonen, M, Katoh, S, Tuomilehto, J **2005**, 'The gender-specific impact of diabetes and myocardial infarction at baseline and during follow-up on mortality from all causes and coronary heart disease', **Journal of the American College of Cardiology**, vol 45, no. 9, pp. 1413-1418.
- Hu, G, Jousilahti, P, Tuomilehto, J **2005**, 'The impact of diabetes and stroke at baseline and during follow-up on stroke mortality', **Diabetologia**, vol 48, pp. 84-84.
- Hu, G, Sarti, C, Jousilahti, P, Silventoinen, K, Barengo, NC, Tuomilehto, J **2005**, 'Leisure time, occupational, and commuting physical activity and the risk of stroke', **Stroke**, vol 36, no. 9, pp. 1994-1999.
- Hu, G, Jousilahti, P, Qiao, Q, Katoh, S, Tuomilehto, J **2005**, 'Sex differences in cardiovascular and total mortality among diabetic and non-diabetic individuals with or without history of myocardial infarction', **Diabetologia**, vol 48, no. 5, pp. 856-861.
- Hu, G, Tuomilehto, J, Silventoinen, K, Barengo, NC, Peltonen, M, Jousilahti, P **2005**, 'The effects of physical activity and body mass index on cardiovascular, cancer and all-cause mortality among 47,212 middle-aged Finnish men and women', **International Journal of Obesity**, vol 29, no. 8, pp. 894-902.
- Hämäläinen, H, Rönnemaa, T, Virtanen, A, Lindström, J, Eriksson, JG, Valle, TT, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Rastas, M, Aunola, S, Uusitupa, M, Tuomilehto, J, Finnish Diabet Prevention Study Gr **2005**, 'Improved fibrinolysis by an intensive lifestyle intervention in subjects with impaired glucose tolerance. The Finnish Diabetes Prevention Study', **Diabetologia**, vol 48, no. 11, pp. 2248-2253.
- Javela, K, Eronen, J, Sarna, S, Kekomäki, R **2005**, 'Soluble glycoprotein V as a quality marker of platelet concentrates stressed by transportation', **Transfusion**, vol 45, no. 9, pp. 1504-1511.
- Järvenpää, T, Rinne, JO, Koskenvuo, M, Riihå, I, Kaprio, J **2005**, 'Binge drinking in midlife and dementia risk', **Epidemiology**, vol 16, no. 6, pp. 766-771.
- Jörgensen, L, Hammar, N, Kaprio, J, Koskenvuo, M, Svensson, Å **2005**, 'Migration and smoking: An epidemiological study of Finnish twins in Sweden', **Scandinavian Journal of Public Health**, vol 33, no. 4, pp. 285-291.
- Kaarisalo, MM, Riihå, I, Sivenius, J, Immonen-Riihå, P, Lehtonen, A, Sarti, C, Mähönen, M, Torppa, J, Tuomilehto, J, Salomaa, V **2005**, 'Diabetes worsens the outcome of acute ischemic stroke', **Diabetes Research and Clinical Practice**, vol 69, no. 3, pp. 293-298.
- Kalme, T, Seppälä, M, Qiao, Q, Koistinen, R, Nissinen, A, Harrela, M, Loukovaara, M, Leinonen, P, Tuomilehto, J **2005**, 'Sex hormone-binding globulin and insulin-like growth factor-binding protein-1 as indicators of metabolic syndrome, cardiovascular risk, and mortality in elderly men', **Journal of Clinical Endocrinology and Metabolism**, vol 90, no. 3, pp. 1550-1556.
- Katoh, S, Lehtovirta, M, Kaprio, J, Harjutsalo, V, Koskenvuo, M, Eriksson, J, Tajima, N, Tuomilehto, J **2005**, 'Genetic and environmental effects on fasting and postchallenge plasma glucose and serum insulin values in Finnish twins', **Journal of Clinical Endocrinology and Metabolism**, vol 90, no. 5, pp. 2642-2647.
- Kiesepää, T, Tuulio-Henriksson, A, Haukka, J, Van Erp, T, Glahn, D, Cannon, TD, Partonen, T, Kaprio, J, Lönnqvist, J **2005**, 'Memory and verbal learning functions in twins with bipolar-I disorder, and the role of information-processing speed', **Psychological Medicine**, vol 35, no. 2, pp. 205-215.
- Koivumaa-Honkanen, H, Kaprio, J, Honkanen, RJ, Viinamäki, H, Koskenvuo, M **2005**, 'The stability of life satisfaction in a 15-year follow-up of adult Finns healthy at baseline', **BMC Psychiatry**, vol 5, no. 4.
- Korkeila, K, Korkeila, J, Vahtera, J, Kivimäki, M, Kivelä, S, Sillanmäki, L, Koskenvuo, M **2005**, 'Childhood adversities, adult risk factors and depressiveness - A population study', **Social Psychiatry and Psychiatric Epidemiology**, vol 40, no. 9, pp. 700-706.
- Kosunen, T, Seppälä, K, Sarna, S, Aromaa, A, Knekt, P, Virtamo, J, Salomaa-Räsänen, A, Rautelin, H **2005**, 'Association of Helicobacter pylori IgA antibodies with the risk of peptic ulcer disease and gastric cancer', **World Journal of Gastroenterology**, vol 11, no. 43, pp. 6871-6874.
- Kujala, UM, Sarna, S, Kaprio, J **2005**, 'Cumulative incidence of achilles tendon rupture and tendinopathy in male former elite athletes', **Clinical Journal of Sport Medicine**, vol 15, no. 3, pp. 133-135.
- Laaksonen, DE, Lindström, J, Lakka, TA, Eriksson, JG, Niskanen, L, Wikström, K, Aunola, S, Keinänen-Kiukaanniemi, S, Laakso, M, Valle, TT, Ilanne-Parikka, P, Louheranta, A, Hämäläinen, H, Hastas, M, Salminen, V, Cepaitis, Z, Hakumäki, M, Kaikkonen, H, Härkönen, P, Sundvall, J, Tuomilehto, J, Uusitupa, M, Finnish Diabetes Prevention Study **2005**, 'Physical activity in the prevention of type 2 diabetes - The Finnish Diabetes Prevention Study', **Diabetes**, vol 54, no. 1, pp. 158-165.
- Lammi, N, Karvonen, M, Tuomilehto, J **2005**, 'Do microbes have a causal role in type 1 diabetes?', **Medical Science Monitor**, vol 11, no. 3, pp. 63-69.
- Laukkanen, O, Lindström, J, Eriksson, J, Valle, TT, Hämäläinen, H, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Tuomilehto, J, Uusitupa, M, Laakso, M **2005**, 'Polymorphisms in the SLC2A2 (GLUT2) gene are associated with the conversion from impaired glucose tolerance to type 2 diabetes - The Finnish Diabetes Prevention Study', **Diabetes**, vol 54, no. 7, pp. 2256-2260.
- Lehtonen-Smeds, EMP, Mäyränpää, M, Soinne, L, Saimanen, E, Järvinen, A, Salonen, O, Carpen, O, Lassila, R, Sarna, S, Kaste, M, Kovanen, PT, Lindberg, P **2005**, 'Carotid plaque mast cells associate with atherogenic serum lipids, high grade carotid stenosis and symptomatic carotid artery disease: Results from the Helsinki carotid endarterectomy study', **Cerebrovascular Diseases**, vol 19, no. 5, pp. 291-301.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Leinonen, R, Kaprio, J, Jylhä, M, Tolvanen, A, Koskenvuo, M, Heikkinen, E, Rantanen, T 2005, 'Genetic influences underlying self-rated health in older female twins', **Journal of the American Geriatrics Society**, vol 53, no. 6, pp. 1002-1007.
- Lindgren, P, Buxton, M, Kahan, T, Poulter, NR, Dahlöf, B, Sever, PS, Wedel, H, Jönsson, B, Tuomilehto, J 2005, 'Cost-effectiveness of atorvastatin for the prevention of coronary and stroke events: an economic analysis of the Anglo-Scandinavian Cardiac Outcomes Trial-lipid-lowering arm (ASCOT-LLA)', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 12, no. 1, pp. 29-36.
- Lindgren, AM, Nissinen, AM, Tuomilehto, JO, Pukkala, E 2005, 'Cancer pattern among hypertensive patients in North Karelia, Finland', **Journal of Human Hypertension**, vol 19, no. 5, pp. 373-379.
- Lindström, J, Peltonen, M, Tuomilehto, J 2005, 'Lifestyle strategies for weight control: experience from the Finnish Diabetes Prevention Study', **Proceedings of the Nutrition Society**, vol 64, no. 1, pp. 81-88.
- Malmberg, P, Turpeinen, H, Ryttilä, P, Sarna, S, Haahtela, T 2005, 'Determinants of increased exhaled nitric oxide in patients with suspected asthma', **Allergy : European journal of allergy and clinical immunology**, vol 60, no. 4, pp. 464-468.
- Mentula, P, Kylänpää, M, Kempainen, E, Jansson, S, Sarna, S, Puolakkainen, P, Haapiainen, R, Repo, H 2005, 'Early prediction of organ failure by combined markers in patients with acute pancreatitis', **British Journal of Surgery**, vol 92, no. 1, pp. 68-75.
- Mohlke, KL, Skol, AD, Scott, LJ, Valle, TT, Bergman, RN, Tuomilehto, J, Boehnke, M, Collins, FS, FUSION Study Grp 2005, 'Evaluation of SLC2A10 (GLUT10) as a candidate gene for type 2 diabetes and related traits in Finns', **Molecular Genetics and Metabolism**, vol 85, no. 4, pp. 323-327.
- Mohlke, KL, Jackson, AU, Scott, LJ, Peck, EC, Suh, YD, Chines, PS, Watanabe, RM, Buchanan, TA, Conneely, KN, Erdos, MR, Narisu, N, Enloe, S, Valle, TT, Tuomilehto, J, Bergman, RN, Boehnke, M, Collins, FS 2005, 'Mitochondrial polymorphisms and susceptibility to type 2 diabetes-related traits in Finns', **Journal of human genetics.**, vol 118, no. 2, pp. 245-254.
- Moltchanova, EV, Pitkaniemi, J, Haapala, L 2005, 'Potts model for haplotype associations', **BMC Genetics**, vol 6, no. Suppl. 1, pp. S64.
- Mäkinen, J, Jarvisalo, M, Pöllänen, P, Perheentupa, A, Irjala, K, Koskenvuo, M, Mäkinen, J, Huhtaniemi, I, Raitakari, O 2005, 'Increased carotid atherosclerosis in andropausal middle-aged men', **Journal of the American College of Cardiology**, vol 45, no. 10, pp. 1603-1608.
- Niemi, L, Suvisaari, J, Haukka, J, Lönnqvist, J 2005, 'Childhood growth and future development of psychotic disorder among Helsinki high-risk children', **Schizophrenia Research**, vol 76, no. 1, pp. 105-112.
- Niemi, LT, Suvisaari, J, Haukka, JK, Lönnqvist, JK 2005, 'Childhood predictors of future psychiatric morbidity in offspring of mothers with psychotic disorder - Results from the Helsinki high-risk study', **British Journal of Psychiatry**, vol 186, pp. 108-114.
- Niemistö, L, Rissanen, P, Sarna, S, Lahtinen-Suopanki, T, Lindgren, K, Hurri, H 2005, 'Cost-effectiveness of combined manipulation, stabilizing exercises, and physician consultation compared to physician consultation alone for chronic low back pain: a prospective randomized trial with 2-year follow-up', **Spine (Philadelphia, 1976)**, vol 30, no. 10, pp. 1109-1115.
- Ojanlatva, A, Rautava, P, Helenius, H, Korkeila, K, Sundell, J, Kivimäki, M, Vahtera, J, Mäkinen, J, Koskenvuo, M 2005, 'Associations of social support and sex life - the HeSSup study', **Patient Education and Counseling**, vol 58, no. 1, pp. 71-81.
- Pajala, S, Era, P, Koskenvuo, M, Kaprio, J, Alen, M, Tolvanen, A, Tiainen, K, Rantanen, T 2005, 'Contribution of genetic and environmental factors to individual differences in maximal walking speed with and without second task in older women', **Journals of Gerontology. Series A: Biological Sciences & Medical Sciences**, vol 60, no. 10, pp. 1299-1303.
- Patja, K, Jousilahti, P, Hu, G, Valle, T, Qiao, Q, Tuomilehto, J 2005, 'Effects of smoking, obesity and physical activity on the risk of type 2 diabetes in middle-aged Finnish men and women', **Journal of Internal Medicine**, vol 258, no. 4, pp. 356-362.
- Pertogijis, E, Sipilä, S, Alen, M, Kaprio, J, Koskenvuo, M, Tiainen, K, Rantanen, T 2005, 'Leg extension power asymmetry and mobility limitation in healthy older women', **Archives of Physical Medicine and Rehabilitation**, vol 86, no. 9, pp. 1838-1842.
- Pirkola, T, Tuulio-Henriksson, A, Glahn, D, Kiesepää, T, Haukka, J, Kaprio, J, Lönnqvist, J, Cannon, TD 2005, 'Spatial working memory function in twins with schizophrenia and bipolar disorder', **Biological Psychiatry**, vol 58, no. 12, pp. 930-936.
- Poulter, NR, Wedel, H, Dahlöf, B, Sever, PS, Beevers, DG, Caulfield, M, Kjeldsen, SE, Kristinsson, A, McInnes, GT, Mehlsen, J, Nieminen, M, O'Brien, E, Östergren, J, Pocock, S, Tuomilehto, J 2005, 'Role of blood pressure and other variables in the differential cardiovascular event rates noted in the Anglo-Scandinavian Cardiac Outcomes Trial-Blood Pressure Lowering Arm (ASCOT-BPLA)', **Lancet**, vol 366, no. 9489, pp. 907-913.
- Qiao, Q, Tuomilehto, J, Balkau, B, Borch-Johnsen, K, Heine, R, Wareham, NJ, Eriksson, J 2005, 'Are insulin resistance, impaired fasting glucose and impaired glucose tolerance all equally strongly related to age?', **Diabetic Medicine**, vol 22, no. 11, pp. 1476-1481.
- Qiao, Q, Pyörälä, K, Tuomilehto, J, Gao, W, Hu, G, Peltonen, M, Dekker, J, Alberti, K 2005, 'Comparison of three different definitions for the metabolic syndrome in non-diabetic Europeans', **British Journal of Diabetes & Vascular Disease**, vol 5, no. 3, pp. 161-168.
- Ramachandran, A, Chamukuttan, S, Immaneni, S, Shanmugam, RM, Vishnu, N, Viswanathan, V, Tuomilehto, J 2005, 'High incidence of glucose intolerance in Asian-Indian subjects with acute coronary syndrome', **Diabetes Care**, vol 28, no. 10, pp. 2492-2496.
- Roglic, G, Unwin, N, Bennett, PH, Mathers, C, Tuomilehto, J, Nag, S, Connolly, V, King, H 2005, 'The burden of mortality attributable to diabetes - Realistic estimates for the year 2000', **Diabetes Care**, vol 28, no. 9, pp. 2130-2135.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Rouhos, A, Ekroos, H, Karjalainen, J, Sarna, S, Sovijärvi, A **2005**, 'Exhaled nitric oxide and exercise-induced bronchoconstriction in young male conscripts: association only in atopics', **Allergy : European journal of allergy and clinical immunology**, vol 60, no. 12, pp. 1493-1498.
- Rovio, S, Kåreholt, I, Helkala, EL, Viitanen, M, Winblad, B, Tuomilehto, J, Soininen, H, Nissinen, A, Kivipelto, M **2005**, 'Leisure-time physical activity at midlife and the risk of dementia and Alzheimer's disease', **Lancet Neurology**, vol 4, no. 11, pp. 705-711.
- Runstadler, JA, Säilä, H, Savolainen, A, Leirisalo-Repo, M, Aho, K, Tuomilehto-Wolf, E, Tuomilehto, J, Seldin, MF **2005**, 'Association of SLC11A1 (NRAMP1) with persistent oligoarticular and polyarticular rheumatoid factor-negative juvenile idiopathic arthritis in Finnish patients - Haplotype analysis in Finnish families: haplotype analysis in Finnish families', **Arthritis & Rheumatism**, vol 52, no. 1, pp. 247-256.
- Salopuro, T, Pulkkinen, L, Lindstrom, J, Eriksson, JG, Valle, TT, Hamalainen, H, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Tuomilehto, J, Laakso, M, Uusitupa, M, Finnish Diabet Prevention Study Gr **2005**, 'Genetic variation in leptin receptor gene is associated with type 2 diabetes and body weight: The Finnish Diabetes Prevention Study', **International Journal of Obesity**, vol 29, no. 10, pp. 1245-1251.
- Seldin, MF, Shigeta, R, Laiho, K, Li, H, Saila, H, Savolainen, A, Leirisalo-Repo, M, Aho, K, Tuomilehto-Wolf, E, Kaarela, K, Kauppi, M, Alexander, HC, Begovich, AB, Tuomilehto, J **2005**, 'Finnish case-control and family studies support PTPN22 R620W polymorphism as a risk factor in rheumatoid arthritis, but suggest only minimal or no effect in juvenile idiopathic arthritis', **Genes and Immunity**, vol 6, pp. 720-722.
- Sever, PS, Poulter, NR, Dahlöf, B, Wedel, H, Collins, R, Beevers, G, Caulfield, M, Kjeldsen, SE, Kristinsson, A, McInnes, GT, Mehlsen, J, Nieminen, M, O'Brien, E, Östergren, J, Tuomilehto, J **2005**, 'Reduction in cardiovascular events with atorvastatin in 2,532 patients with type 2 diabetes: Anglo-Scandinavian Cardiac Outcomes Trial--lipid-lowering arm (ASCOT-LLA)', **Diabetes Care**, vol 28, no. 5, pp. 1151-1157.
- Silventoinen, K, Pankow, J, Lindström, J, Jousilahti, P, Hu, G, Tuomilehto, J **2005**, 'The validity of the Finnish Diabetes Risk Score for the prediction of the incidence of coronary heart disease and stroke, and total mortality', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 12, no. 5, pp. 451-458.
- Silventoinen, K, Pankow, J, Jousilahti, P, Hu, G, Tuomilehto, J **2005**, 'Educational inequalities in the metabolic syndrome and coronary heart disease among middle-aged men and women', **International Journal of Epidemiology**, vol 34, no. 2, pp. 327-334.
- Sjöberg, L, Harjutsalo, V, Haapala, L, Tuomilehto, J, Kaaja, R **2005**, 'Menopause in type 1 diabetic women', **Diabetologia**, vol 48, pp. 115-115.
- Sumanen, M, Koskenvuo, M, Sillanmäki, LH, Mattila, K **2005**, 'Childhood adversities experienced by working aged coronary heart disease patients', **Journal of Psychosomatic Research**, vol 59, pp. 331-335.
- Suominen, S, Gould, R, Ahvenainen, J, Vahtera, J, Uutela, A, Koskenvuo, M **2005**, 'Sense of coherence and disability pensions: a nationwide, register based prospective population study of 2196 adult Finns', **Journal of epidemiology and community health**, vol 59, pp. 455-459.
- Söderberg, S, Zimmet, P, Tuomilehto, J, de Courten, M, Dowse, GK, Chitson, P, Gareeboo, H, Alberti, KGMM, Shaw, JE **2005**, 'Increasing prevalence of Type 2 diabetes mellitus in all ethnic groups in Mauritius', **Diabetic Medicine**, vol 22, no. 1, pp. 61-68.
- Tiainen, K, Sipilä, S, Alen, M, Heikkinen, E, Kaprio, J, Koskenvuo, M, Tolvanen, A, Pajala, S, Rantanen, T **2005**, 'Shared genetic and environmental effects on strength and power in older female twins', **Medicine and Science in Sports and Exercise**, vol 37, no. 1, pp. 72-78.
- Tiihonen, J, Haukka, J, Henriksson, M, Cannon, M, Kiesepää, T, Laaksonen, I, Sinivuo, J, Lönnqvist, J **2005**, 'Premorbid intellectual functioning in bipolar disorder and schizophrenia: results from a cohort study of male conscripts', **American Journal of Psychiatry**, vol 162, pp. 1904-1910.
- Tolonen, H, Ferrario, M, Kuulasmaa, K, Tuomilehto, J **2005**, 'Standardization of total cholesterol measurement in population surveys: pre-analytic sources of variation and their effect on the prevalence of hypercholesterolaemia', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 12, no. 3, pp. 257-267.
- Tuomilehto, J, Leiter, LA **2005**, 'Defining the role of statins in diabetes', **British Journal of Diabetes & Vascular Disease**, vol 5, no. 2, pp. 55-62.
- Tuomilehto, J **2005**, 'Cardiovascular risk: Prevention and treatment of the metabolic syndrome', **Diabetes Research and Clinical Practice**, vol 68, no. S2, pp. 28-35.
- Tuomilehto, J **2005**, 'Primary prevention of type 2 diabetes: Lifestyle intervention works and saves money, but what should be done with smokers?', **Annals of Internal Medicine**, vol 142, no. 5, pp. 381-383.
- Uusitalo, U, Sobal, J, Moothoosamy, L, Chitson, P, Shaw, J, Zimmet, P, Tuomilehto, J **2005**, 'Dietary Westernisation: conceptualisation and measurement in Mauritius', **Public Health Nutrition**, vol 8, pp. 608-619.
- Verkasalo, PK, Lillberg, K, Stevens, RG, Hublin, C, Partinen, M, Koskenvuo, M, Kaprio, J **2005**, 'Sleep duration and breast cancer: A prospective cohort study', **Cancer Research**, vol 65, no. 20, pp. 9595-9600.



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

#### PURE/Tuomilehto

Viinänen, A, Munhbayarlah, S, Zevgee, T, Narantssetseg, L, Naidansuren, T, Koskenvuo, M, Helenius, H, Terho, EO **2005**, 'Prevalence of asthma, allergic rhinoconjunctivitis and allergic sensitization in Mongolia', **Allergy : European journal of allergy and clinical immunology**, vol 60, no. 11, pp. 1370-1377.

Vorma, H, Naukkarinen, H, Sarna, S, Kuoppasalmi, K **2005**, 'Predictors of benzodiazepine discontinuation in subjects manifesting complicated dependence', **Substance Use and Misuse**, vol 40, no. 4, pp. 499-510.

Väkevää, L, Sarna, S, Vaalasti, A, Pukkala, E, Kariniemi, A, Ranki, A **2005**, 'A retrospective study of the probability of the evolution of parapsoriasis en plaques into mycosis fungoides', **Acta Dermato-Venereologica**, vol 85, no. 4, pp. 318-323.

Wang, JJ, Hu, G, Lappalainen, J, Miettinen, ME, Qing, Q, Tuomilehto, J **2005**, 'Changes in features of the metabolic syndrome and incident impaired glucose regulation or type 2 diabetes in a Chinese population', **Diabetes Care**, vol 28, no. 2, pp. 448-450.

Xu, HJ, Lin, WL, Xia, HM, Xu, SW, Li, YL, Yao, HM, Bai, F, Zhang, XM, Bai, YL, Saris, P, Qiao, MQ **2005**, 'Influence of ptsP gene on pyocyanin production in *Pseudomonas aeruginosa*', **FEMS Microbiology Letters**, vol 253, no. 1, pp. 103-109.

Ylihärtilä, HM, Lindström, J, Eriksson, JG, Jousilahti, P, Valle, TT, Sundvall, J, Tuomilehto, J **2005**, 'Prevalence of diabetes and impaired glucose regulation in 45- to 64-year-old individuals in three areas of Finland', **Diabetic Medicine**, vol 22, no. 1, pp. 88-91.

#### **2006**

Antikainen, RL, Moltchanov, VA, Chukwuma, C, Kuulasmaa, KA, Marques-Vidal, PM, Sans, S, Wilhelmsen, L, Tuomilehto, JO, WHO MONICA Project **2006**, 'Trends in the prevalence, awareness, treatment and control of hypertension: the WHO MONICA Project', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 13, no. 1, pp. 13-29.

Arajärvi, R, Varilo, T, Haukka, J, Suvisaari, J, Suokas, J, Juvonen, H, Muhonen, M, Suominen, K, Hintikka, J, Schreck, M, Tuulio-Henriksson, A, Partonen, T, Lönnqvist, J **2006**, 'Affective flattening and alogia associate with the familial form of schizophrenia', **Psychiatry Research**, vol 141, no. 2, pp. 161-172.

Arajärvi, R, Ukkola, J, Haukka, J, Suvisaari, J, Hintikka, J, Partonen, T, Lönnqvist, J **2006**, 'Psychosis among "healthy" siblings of schizophrenia patients', **BMC Psychiatry**, vol 6, pp. 8.

Barengo, NC, Nissinen, A, Pekkarinen, H, Halonen, P, Tuomilehto, J **2006**, 'Twenty-five-year trends in lifestyle and socioeconomic characteristics in Eastern Finland', **Scandinavian Journal of Public Health**, vol 34, no. 4, pp. 437-444.

Bidel, S, Hu, G, Qiao, Q, Jousilahti, P, Antikainen, R, Tuomilehto, J **2006**, 'Coffee consumption and risk of total and cardiovascular mortality among patients with type 2 diabetes', **Diabetologia**, vol 49, no. 11, pp. 2618-2626.

Bidel, S, Hu, G, Sundvall, J, Kaprio, J, Tuomilehto, J **2006**, 'Effects of coffee consumption on glucose tolerance, serum glucose and insulin levels - A cross-sectional analysis', **Hormone and Metabolic Research**, vol 38, no. 1, pp. 38-43.

Bonnycastle, LL, Willer, CJ, Conneely, KN, Jackson, AU, Burrill, CP, Watanabe, RM, Chines, PS, Narisu, N, Scott, LJ, Enloe, ST, Swift, AJ, Duren, WL, Stringham, HM, Erdos, MR, Riebow, NL, Buchanan, TA, Valle, TT, Tuomilehto, J, Bergman, RN, Mohlke, KL, Boehnke, M, Collins, FS **2006**, 'Common variants in maturity-onset diabetes of the young genes contribute to risk of type 2 diabetes in Finns', **Diabetes**, vol 55, no. 9, pp. 2534-2540.

Borodulin, K, Tuomilehto, J, Peltonen, M, Lakka, TA, Sundvall, J, Jousilahti, P **2006**, 'Association of leisure time physical activity and abdominal obesity with fasting serum insulin and 2-h postchallenge plasma glucose levels', **Diabetic Medicine**, vol 23, pp. 1025-1028.

Bäckmand, H, Kaprio, J, Kujala, UM, Sarna, S, Fogelholm, M **2006**, 'Physical and psychological functioning of daily living in relation to physical activity. A longitudinal study among former elite male athletes and controls', **Aging Clinical and Experimental Research**, vol 18, no. 1, pp. 40-49.

Forouhi, NG, Balkau, B, Borch-Johnsen, K, Dekker, J, Glumer, C, Qiao, Q, Spijkerman, A, Stolk, R, Tabac, A, Wareham, NJ, EDEG **2006**, 'The threshold for diagnosing impaired fasting glucose: a position statement by the European Diabetes Epidemiology Group', **Diabetologia**, vol 49, no. 5, pp. 822-827.

Graner, M, Kahri, J, Nakano, T, Sarna, SJ, Nieminen, MS, Syväne, M, Taskinen, M **2006**, 'Impact of postprandial lipaemia on low-density lipoprotein (LDL) size and oxidized LDL in patients with coronary artery disease', **European Journal of Clinical Investigation**, vol 36, no. 11, pp. 764-770.

Harjutsalo, V, Reunanen, A, Tuomilehto, J **2006**, 'Differential transmission of type 1 diabetes from diabetic fathers and mothers to their offspring', **Diabetes**, vol 55, no. 5, pp. 1517-1524.

Hedlund, E, Hammar, N, Lange, A, Koskenvuo, M, Jorgensen, L, Kaprio, J **2006**, 'Migrating twins: A study of welfare components among Finnish twins living in Sweden and their co-twins residing in Finland', **Journal of Ethnic and Migration Studies**, vol 32, pp. 3-28.

Helenius, I, Jalanko, H, Remes, V, Sairanen, H, Salminen, S, Holmberg, C, Palmu, P, Tervahartiala, P, Vaita, H, Sarna, S, Helenius, M, Mäkitie, O, Peltonen, J **2006**, 'Scoliosis after solid organ transplantation in children and adolescents', **American Journal of Transplantation**, vol 6, no. 20, pp. 324-330.

Helenius, I, Remes, V, Salminen, S, Vaita, H, Mäkitie, O, Holmberg, C, Palmu, P, Tervahartiala, P, Sarna, S, Helenius, M, Peltonen, J, Jalanko, H **2006**, 'Incidence and predictors of fractures in children after solid organ transplantation: a 5-year prospective, population-based study', **Journal of Bone and Mineral Research**, vol 21, no. 3, pp. 380-387.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Herder, C, Peltonen, M, Koenig, W, Kräft, I, Muller-Scholze, S, Martin, S, Lakka, T, Ilanne-Parikka, P, Eriksson, JG, Hämäläinen, H, Keinänen-Kiukaanniemi, S, Valle, TT, Uusitupa, M, Lindström, J, Kolb, H, Tuomilehto, J, Finnish Diabetes Prevention Study 2006, 'Systemic immune mediators and lifestyle changes in the prevention of type 2 diabetes - Results from the Finnish diabetes prevention study', **Diabetes**, vol 55, no. 8, pp. 2340-2346.
- Hjelmborg, JV, Iachine, I, Skytthe, A, Vaupel, JW, McGue, M, Koskenvuo, M, Kaprio, J, Pedersen, NL, Christensen, K 2006, 'Genetic influence on human lifespan and longevity', **Journal of human genetics**, vol 119, no. 3, pp. 312-321.
- Hu, G, Rico-Sanz, J, Lakka, TA, Tuomilehto, J 2006, 'Exercise, genetics and prevention of type 2 diabetes', **Essays in Biochemistry**, vol 42, pp. 177-192.
- Hu, G, Lakka, TA, Lakka, H, Tuomilehto, J 2006, 'Lifestyle management in the metabolic syndrome', **Metabolic Syndrome and Related Disorders**, vol 4, no. 4, pp. 270-286.
- Hu, G, Jousilahti, P, Peltonen, M, Bidel, S, Tuomilehto, J 2006, 'Joint association of coffee consumption and other factors to the risk of type 2 diabetes: a prospective study in Finland', **International Journal of Obesity**, vol 30, pp. 1742-1749.
- Hu, G, Jousilahti, P, Sarti, C, Antikainen, R, Tuomilehto, J 2006, 'The effect of diabetes and stroke at baseline and during follow-up on stroke mortality', **Diabetologia**, vol 49, no. 10, pp. 2309-2316.
- Hu, G, Jousilahti, P, Nissinen, A, Antikainen, R, Kivipelto, M, Tuomilehto, J 2006, 'Body mass index and the risk of Parkinson disease', **Neurology**, vol 67, no. 11, pp. 1955-1959.
- Huth, C, Heid, IM, Vollmert, C, Gieger, C, Grallert, H, Wolford, JK, Langer, B, Thorand, B, Klopp, N, Hamid, YH, Pedersen, O, Hansen, T, Lyssenko, V, Groop, L, Meisinger, C, Doring, A, Lowel, H, Lieb, W, Hengstenberg, C, Rathmann, W, Martin, S, Stephens, JW, Ireland, H, Mather, H, Miller, GJ, Stringham, HM, Boehnke, M, Tuomilehto, J, Boeing, H, Mohlig, M, Spranger, J, Pfeiffer, A, Wernstedt, I, Niklason, A, Lopez-Bermejo, A, Fernandez-Real, J, Hanson, RL, Gallart, L, Vendrell, J, Tsiavou, A, Hatzigeorgaki, E, Humphries, SE, Wichmann, H, Herder, C, Illig, T 2006, 'IL6 gene promoter polymorphisms and type 2 diabetes - Joint analysis of individual participants' data from 21 studies', **Diabetes**, vol 55, no. 10, pp. 2915-2921.
- Kastarinen, MJ, Antikainen, RL, Laatikainen, TK, Salomaa, VV, Tuomilehto, JO, Nissinen, AM, Vartiainen, EA 2006, 'Trends in hypertension care in eastern and south-western Finland during 1982-2002', **Journal of Hypertension**, vol 24, no. 5, pp. 829-836.
- Kettunen, JA, Kujala, UM, Kaprio, J, Sarna, S 2006, 'Health of master track and field athletes - A 16-year follow-up study', **Clinical Journal of Sport Medicine**, vol 16, no. 2, pp. 142-148.
- Kilpeläinen, M, Terho, EO, Helenius, H, Koskenvuo, M 2006, 'Body mass index and physical activity in relation to asthma and atopic diseases in young adults', **Respiratory Medicine**, vol 100, no. 9, pp. 1518-1525.
- Kivipelto, M, Ngandu, T, Laatikainen, T, Winblad, B, Soininen, H, Tuomilehto, J 2006, 'Risk score for the prediction of dementia risk in 20 years among middle aged people: a longitudinal, population-based study', **Lancet Neurology**, vol 5, no. 9, pp. 735-741.
- Korpela, R, Tuomilehto, J, Höglström, P, Seppo, L, Piironen, V, Salo-Väänänen, P, Toivo, J, Lamberg-Allardt, C, Kärkkäinen, M, Outila, T, Sundvall, J, Viikilä, S, Tikkanen, MJ 2006, 'Safety aspects and cholesterol-lowering efficacy of low fat dairy products containing plant sterols', **European Journal of Clinical Nutrition**, vol 60, pp. 633-642.
- Kääpä, E, Frantsi, K, Sarna, S, Malmivaara, A 2006, 'Multidisciplinary group rehabilitation versus individual physiotherapy for chronic nonspecific low back pain: a randomized trial', **Spine (Philadelphia, 1976)**, vol 31, no. 4, pp. 371-376.
- Laatikainen, T, Pietinen, P, Valsta, L, Sundvall, J, Reinivuo, H, Tuomilehto, J 2006, 'Sodium in the Finnish diet: 20-year trends in urinary sodium excretion among the adult population', **European Journal of Clinical Nutrition**, vol 60, no. 8, pp. 965-970.
- Lahti, T, Leppämäki, S, Ojanen, S, Haukka, J, Tuulio-Henriksson, A, Lönnqvist, J, Partonen, T 2006, 'Transition into daylight saving time influences the fragmentation of the rest-activity cycle', **Journal of Circadian Rhythms**, vol 4, pp. 6.
- Laitinen, M, Ngandu, T, Rovio, S, Helkala, E, Uusitalo, U, Viitanen, M, Nissinen, A, Tuomilehto, J, Soininen, H, Kivipelto, M 2006, 'Fat intake at midlife and risk of dementia and Alzheimer's disease: a population-based study', **Dementia and Geriatric Cognitive Disorders**, vol 22, pp. 99-107.
- Lee, D, Silventoinen, K, Hu, G, Jacobs, DR, Jousilahti, P, Sundvall, J, Tuomilehto, J 2006, 'Serum gamma-glutamyltransferase predicts non-fatal myocardial infarction and fatal coronary heart disease among 28 838 middle-aged men and women', **European Heart Journal**, vol 27, no. 18, pp. 2170-2176.
- Lindström, J, Peltonen, M, Eriksson, JG, Louheranta, A, Fogelholm, M, Uusitupa, M, Tuomilehto, J 2006, 'High-fibre, low-fat diet predicts long-term weight loss and decreased type 2 diabetes risk: the Finnish Diabetes Prevention Study', **Diabetologia**, vol 49, pp. 912-920.
- Lindström, J, Ilanne-Parikka, P, Peltonen, M, Aunola, S, Eriksson, JG, Hemiö, K, Hämäläinen, H, Härkönen, P, Keinänen-Kiukaanniemi, S, Laakso, M, Louheranta, A, Manninen, M, Paturi, M, Sundvall, J, Valle, TT, Uusitupa, M, Tuomilehto, J, Finnish Diabetes Prevention Study Gr 2006, 'Sustained reduction in the incidence of type 2 diabetes by lifestyle intervention: follow-up of the Finnish Diabetes Prevention Study', **Lancet**, vol 368, no. 9548, pp. 1673-1679.
- Mager, U, Kolehmainen, L, Lindström, J, Eriksson, JG, Valle, TT, Hämäläinen, H, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Tuomilehto, JO, Pulkkinen, L, Uusitupa, M, Finnish Diabetes Prevention Study Gr 2006, 'Association between ghrelin gene variations and blood pressure in subjects with impaired glucose tolerance', **American Journal of Hypertension**, vol 19, pp. 920-926.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Mager, U, Lindi, V, Lindström, J, Eriksson, JG, Valle, TT, Hamalainen, H, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Tuomilehto, J, Laakso, M, Pulkkinen, L, Uusitupa, M, Finnish Diabet Prevention Study **2006**, 'Association of the Leu72Met polymorphism of the ghrelin gene with the risk of Type 2 diabetes in subjects with impaired glucose tolerance in the Finnish Diabetes Prevention Study', **Diabetic Medicine**, vol 23, pp. 685-689.
- Malmström, K, Pitkäranta, A, Carpen, O, Pelkonen, A, Malmberg, P, Turpeinen, M, Kajosaari, M, Sarna, S, Lindahl, H, Haahtela, T, Mäkelä, MJ **2006**, 'Human rhinovirus in bronchial epithelium of infants with recurrent respiratory symptoms', **Journal of Allergy and Clinical Immunology**, vol 118, no. 3, pp. 591-596.
- Matz, K, Keresztes, K, Tatschl, C, Nowotny, M, Dachenhausen, A, Brainin, M, Tuomilehto, J **2006**, 'Disorders of glucose metabolism in acute stroke patients - An underrecognized problem', **Diabetes Care**, vol 29, pp. 792-797.
- Mikkola, T, Sipilä, S, Sievanen, H, Suominen, H, Rantanen, T, Kaprio, J, Koskenvuo, M, Kauppinen, M, Heinonen, A **2006**, 'Genetic and environmental contributions on bone strength in older women.', **Journal of Bone and Mineral Research**, vol 21, pp. S240-S240.
- Nakagami, T, Qiao, Q, Tuomilehto, J, Tajima, N, Hu, G, Borch-Johnsen, K **2006**, 'Screen-detected diabetes, hypertension and hypercholesterolemia as predictors of cardiovascular mortality in five populations of Asian origin: the DECODA study', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 13, no. 4, pp. 555-561.
- Nan, H, Qiao, Q, Dong, Y, Gao, W, Tang, B, Qian, R, Tuomilehto, J **2006**, 'The prevalence of hyperuricemia in a population of the coastal city of Qingdao, China', **Journal of Rheumatology**, vol 33, no. 7, pp. 1346-1350.
- Niemi, T, Kuitunen, A, Haukka, J, Lepäntalo, M **2006**, 'Red blood cell transfusions in patients undergoing lower extremity artery bypass surgery', **Scandinavian Journal of Surgery**, vol 95, no. 1, pp. 39-43.
- Niskanen, L, Laaksonen, DE, Lindström, J, Eriksson, JG, Keinänen-Kiukaanniemi, S, Ilanne-Parikka, P, Aunola, S, Hämäläinen, H, Tuomilehto, J, Uusitupa, M, Finnish Diabet Prevention Study Grp **2006**, 'Serum uric acid as a harbinger of metabolic outcome in subjects with impaired glucose tolerance - The Finnish diabetes prevention study', **Diabetes Care**, vol 29, pp. 709-711.
- Ortega-Alonso, A, Pedersen, NL, Kujala, UM, Sipilä, S, Törmäkangas, T, Kaprio, J, Koskenvuo, M, Rantanen, T **2006**, 'A twin study on the heritability of walking ability among older women', **Journals of Gerontology. Series A: Biological Sciences & Medical Sciences**, vol 61A, no. 10, pp. 1082-1085.
- Pajala, S, Era, P, Koskenvuo, M, Kaprio, J, Viljanen, A, Rantanen, T **2006**, 'Genetic factors and susceptibility to falls in older women', **Journal of the American Geriatrics Society**, vol 54, no. 4, pp. 613-618.
- Pointon, JJ, Beynon, OC, Jaakkola, E, Laiho, K, Kauppi, M, Kaarela, K, Tuomilehto, J, Brown, MA, Wordsworth, P **2006**, 'CD14 variants in UK and Finnish ankylosing spondylitis families', **Rheumatology (Basel)**, vol 45, pp. 59-60.
- Portegijs, E, Sipilä, S, Pajala, S, Lamb, SE, Alen, M, Kaprio, J, Koskenvuo, M, Rantanen, T **2006**, 'Asymmetrical lower extremity power deficit as a risk factor for injurious falls in healthy older women', **Journal of the American Geriatrics Society**, vol 54, no. 3, pp. 551-553.
- Qiao, Q, Pitkaniemi, J, Gao, W, Tuomilehto, J, DECODE Study Group **2006**, 'Comparison of different definitions of the metabolic syndrome in relation to cardiovascular mortality in European men and women', **Diabetologia**, vol 49, no. 12, pp. 2837-2846.
- Ramachandran, A, Snehalatha, C, Mary, S, Mukesh, B, Bhaskar, AD, Vijay, V, Tuomilehto, J, Indian Diabetes Prevention Programme (IDPP) **2006**, 'The Indian Diabetes Prevention Programme shows that lifestyle modification and metformin prevent type 2 diabetes in Asian Indian subjects with impaired glucose tolerance (IDPP-1)', **Diabetologia**, vol 49, no. 2, pp. 289-297.
- Ruotsalainen, E, Sammalkorpi, K, Laine, J, Huotari, K, Sarna, S, Vaitonen, V, Järvinen, A **2006**, 'Clinical manifestations and outcome in Staphylococcus aureus endocarditis among injection drug users and nonaddicts: a prospective study of 74 patients', **BMC Infectious Diseases**, vol 6, pp. 137.
- Saarni, SE, Rissanen, A, Sarna, S, Koskenvuo, M, Kaprio, J **2006**, 'Weight cycling of athletes and subsequent weight gain in middleage', **International Journal of Obesity**, vol 30, no. 11, pp. 1639-1644.
- Salomaa-Räsänen, A, Kosunen, T, Karjalainen, J, Aromaa, A, Knekt, P, Sarna, S, Rautelin, H **2006**, 'IgA antibodies in persisting Helicobacter pylori infection in Finnish adults', **Clinical Microbiology and Infection**, vol 12, no. 3, pp. 236-240.
- Schönberg-Norio, D, Sarna, S, Hänninen, M, Katila, M, Kaukoranta, S, Rautelin, H **2006**, 'Strain and host characteristics of Campylobacter jejuni infections in Finland', **Clinical Microbiology and Infection**, vol 12, no. 8, pp. 754-760.
- Scott, LJ, Bonnycastle, LL, Willer, CJ, Sprau, AG, Jackson, AU, Narisu, N, Duren, WL, Chines, PS, Stringham, HM, Erdos, MR, Valle, TT, Tuomilehto, J, Bergman, RN, Mohlke, KL, Collins, FS, Boehnke, M **2006**, 'Association of transcription factor 7-like 2 (TCF7L2) variants with type 2 diabetes in a Finnish sample', **Diabetes**, vol 55, no. 9, pp. 2649-2653.
- Sihvo, S, Sevón, T, Haukka, J, Hemminki, E, Keskimäki, I, Lumme, S, McCallum, A, Wahlbeck, K **2006**, 'Incidence and prevalence of antidepressant use in the adults in Finland, 1994-2003', **European Journal of Public Health**, vol 16, pp. 216-216.
- Sitonen, N, Pulkkinen, L, Mager, U, Lindström, J, Eriksson, JG, Valle, TT, Hämäläinen, H, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Tuomilehto, J, Laakso, M, Uusitupa, M, Finnish Diabet Prevention Study Gr **2006**, 'Association of sequence variations in the gene encoding adiponectin receptor 1 (ADIPO R1) with body size and insulin levels. The Finnish Diabetes Prevention Study', **Diabetologia**, vol 49, pp. 1795-1805.





INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Silventoinen, K, Zdravkovic, S, Skytthe, A, McCarron, P, Herskind, AM, Koskenvuo, M, de Faire, U, Pedersen, N, Christensen, K, Kaprio, J 2006, 'Association between height and coronary heart disease mortality: A prospective study of 35,000 twin pairs', **American Journal of Epidemiology**, vol 163, pp. 615-621.
- Särkijärvi, S, Kuusisto, H, Paalavuo, R, Levula, M, Airla, N, Lehtimäki, T, Kaprio, J, Koskenvuo, M, Elovaara, I 2006, 'Gene expression profiles in Finnish twins with multiple sclerosis', **BMC Medical Genetics**, vol 7, no. 11.
- Tiihonen, J, Wahlbeck, K, Lönnqvist, J, Klaukka, T, Ioannidis, J, Volavka, J, Haukka, J 2006, 'Effectiveness of antipsychotic treatments in a nationwide cohort of patients in community care after first hospitalisation due to schizophrenia and schizoaffective disorder: observational follow-up study', **BMJ : British Medical Journal**, vol 333, no. 7561, pp. 224-227.
- Tiihonen, AJT, Lönnqvist, J, Wahlbeck, K, Klaukka, T, Tanskanen, A, Haukka, J 2006, 'Antidepressants and the risk of suicide, attempted suicide, and overall mortality in a nationwide cohort', **Archives of General Psychiatry**, vol 63, no. 12, pp. 1358-1367.
- Tjalma, WAA, Trinh, X, van Dam, PA, Backman, T, Rauramo, I, Jaakkola, K, Inki, P, Vaahtera, K, Launonen, A, Koskenvuo, M 2006, 'Use of the levonorgestrel-releasing intrauterine system and breast cancer (vol 107, pg 207, 2006)', **Obstetrics and Gynecology**, vol 107, pp. 744-744.
- Tulamo, R, Frösen, J, Junnikkala, S, Paetau, A, Pitkaniemi, J, Kangasniemi, M, Niemelä, M, Jääskeläinen, J, Jokitalo, E, Karatas, A, Hernesniemi, J, Meri, S 2006, 'Complement activation associates with saccular cerebral artery aneurysm wall degeneration and rupture', **Neurosurgery (Baltimore)**, vol 59, no. 5, pp. 1069-1077.
- Tuomilehto, J, Gao, W, Qiao, Q 2006, 'Assessing the preprandial glucose target: 100 mg/dL versus 110 mg/dL', **Endocrine Practice**, vol 12, no. Suppl. 1, pp. 67-70.
- Tuomilehto, J, DIAMOND Project Group 2006, 'Incidence and trends of childhood Type 1 diabetes worldwide 1990-1999', **Diabetic Medicine**, vol 23, no. 8, pp. 857-866.
- Tuomilehto, J 2006, 'Modeling of primary prevention of the development of type 2 diabetes', **Przegląd Lekarski.**, vol 63, no. Suppl. 4, pp. 3-6.
- Tuomilehto, J, Peltonen, M, Qiao, Q, Chiasson, J-, Hellmich, M, Lehmacher, W, Evers, T 2006, 'Simple risk factors for developing type 2 diabetes mellitus as identified in the STOP-NIDDM trial', **Diabetologia**, vol 49, pp. 439-440.
- Veijola, L, Sankila, A, Rautelin, H, Kosunen, T, Sipponen, P, Hyvärinen, H, Tilvis, R, Sarna, S, Arkkila, PET, Seppälä, K 2006, 'Clinical significance of widespread gastric metaplasia in the duodenal bulb', **Journal of Clinical Gastroenterology**, vol 40, no. 6, pp. 510-514.
- Virtanen, P, Kivimäki, M, Vahtera, J, Koskenvuo, M 2006, 'Employment status and differences in the one-year coverage of physician visits: different needs or unequal access to services?', **BMC Health Services Research**, vol 6, no. 123.
- Virtanen, P, Saloniemi, A, Vahtera, J, Kivimäki, M, Virtanen, M, Koskenvuo, M 2006, 'The working conditions and health of non-permanent employees: are there differences between private and public labour markets?', **Economic and Industrial Democracy**, vol 27, no. 1, pp. 39-65.
- Willer, CJ, Scott, LJ, Bonycastle, LL, Jackson, AU, Chines, P, Pruim, R, Bark, CW, Tsai, YY, Pugh, EW, Doherty, KF, Kinnunen, L, Mohlke, KL, Valle, TT, Bergman, RN, Tuomilehto, J, Collins, FS, Boehnke, M 2006, 'Tag SNP selection for Finnish individuals based on the CEPH Utah HapMap database', **Genetic Epidemiology**, vol 30, no. 2, pp. 180-190.
- Yamori, Y, Liu, L, Mizushima, S, Ikeda, K, Nara, Y, Tuomilehto, J, CARDIAC Study Group 2006, 'Male cardiovascular mortality and dietary markers in 25 population samples of 16 countries', **Journal of Hypertension**, vol 24, no. 8, pp. 1499-1505.
- 2007**
- Al-Lawati, JA, Tuomilehto, J 2007, 'Diabetes risk score in Oman: A tool to identify prevalent type 2 diabetes among Arabs of the Middle East', **Diabetes Research and Clinical Practice**, vol 77, no. 3, pp. 438-444.
- Antila, M, Tuulio-Henriksson, A, Kieseppä, T, Soronen, P, Palo, O, Paunio, T, Haukka, J, Partonen, T, Lönnqvist, J, Paunio, T 2007, 'Heritability of cognitive functions in families with bipolar disorder', **American journal of medical genetics. Part B, Neuropsychiatric genetics**, vol 144, no. 6, pp. 802-808.
- Brainin, M, Tuomilehto, J 2007, 'No sense of coherence - An odd new risk for stroke?', **Stroke**, vol 38, no. 5, pp. 1425-1426.
- Cameron, AJ, Zimmet, PZ, Söderberg, S, Alberti, KGMM, Sicree, R, Tuomilehto, J, Chitson, P, Shaw, JE 2007, 'The metabolic syndrome as a predictor of incident diabetes mellitus in Mauritius', **Diabetic Medicine**, vol 24, no. 12, pp. 1460-1469.
- Fagard, RH, Staessen, JA, Thijs, L, Celis, H, Bulpitt, CJ, de Leeuw, PW, Leonetti, G, Tuomilehto, J, Yodanis, Y 2007, 'On-treatment diastolic blood pressure and prognosis in systolic hypertension', **Archives of Internal Medicine**, vol 167, no. 17, pp. 1884-1891.
- Feldt, T, Lintula, H, Suominen, S, Koskenvuo, M, Vahtera, J, Kivimäki, M 2007, 'Structural validity and temporal stability of the 13-item sense of coherence scale: prospective evidence from the population-based HeSSup study', **Quality of Life Research**, vol 16, no. 3, pp. 483-493.
- Frösen, J, Pitkaniemi, J, Tulamo, R, Marjamaa, J, Isoniemi, H, Niemelä, M, Jääskeläinen, J, Lokki, M, Matinlauri, I 2007, 'Association of fatal aneurysmal subarachnoid hemorrhage with human leukocyte antigens in the Finnish population', **Human Immunology**, vol 68, no. 2, pp. 100-105.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Grimaldi, S, Perälä, J, Partonen, T, Pirkola, S, Haukka, J, Aromaa, A, Lönnqvist, J 2007, 'Exercise habits and alcohol use affect the report of seasonal changes in mental health Sharon Grimaldi', **European Journal of Public Health**, vol 17, pp. 203-203.
- Harkonmäki, K, Korkeila, K, Vahtera, J, Kivimäki, M, Suominen, S, Sillanmäki, L, Koskenvuo, M 2007, 'Childhood adversities as a predictor of disability retirement', **Journal of Epidemiology & Community Health**, vol 61, no. 6, pp. 479-484.
- Hedlund, E, Kaprio, J, Lange, A, Koskenvuo, M, Jartti, L, Rönnemaa, T, Hammar, N 2007, 'Migration and coronary heart disease: a study of Finnish twins living in Sweden and their co-twins residing in Finland', **Scandinavian Journal of Public Health**, vol 35, pp. 468-474.
- Heinonen-Guzejev, M, Vuorinen, HS, Mussalo-Rauhamaa, H, Heikkilä, KV, Koskenvuo, M, Kaprio, J 2007, 'The association of noise sensitivity with coronary heart and cardiovascular mortality among Finnish adults', **Science of the Total Environment**, vol 372, no. 2-3, pp. 406-412.
- Helve, O, Sarna, S, Knip, M, Heikinheimo, M 2007, 'Onko tutkijakoulutusohjelmasta hyötyä: kokemukset lastentautien alalta rohkaisevia', **Duodecim**, vol 123, no. 22, pp. 2753-2757.
- Hu, G, Tuomilehto, J, Borodulin, K, Jousilahti, P 2007, 'The joint associations of occupational, commuting, and leisure-time physical activity, and the Framingham risk score on the 10-year risk of coronary heart disease', **European Heart Journal**, vol 28, no. 12, pp. 492-498.
- Hu, G, Bidel, S, Jousilahti, P, Antikainen, R, Tuomilehto, J 2007, 'Coffee and tea consumption and the risk of Parkinson's disease', **Movement Disorders**, vol 22, no. 15, pp. 2242-2248.
- Hu, G, Jousilahti, P, Antikainen, R, Tuomilehto, J 2007, 'Occupational, commuting, and leisure-time physical activity in relation to cardiovascular mortality among Finnish subjects with hypertension', **American Journal of Hypertension**, vol 20, no. 12, pp. 1242-1250.
- Hu, G, Tuomilehto, J, Silventoinen, K, Sarti, C, Männistö, S, Jousilahti, P 2007, 'Body mass index, waist circumference, and waist-hip ratio on the risk of total and type-specific stroke', **Archives of Internal Medicine**, vol 167, no. 13, pp. 1420-1427.
- Hu, G, Lakka, TA, Kilpeläinen, TO, Tuomilehto, J 2007, 'Epidemiological studies of exercise in diabetes prevention', **Applied Physiology, Nutrition and Metabolism**, vol 32, no. 3, pp. 583-595.
- Hu, G, Tuomilehto, J 2007, 'Lifestyle and outcome among patients with type 2 diabetes', **International congress series**, vol 1303, pp. 160-171.
- Hu, G, Jousilahti, P, Tuomilehto, J 2007, 'Joint effects of history of hypertension at baseline and type 2 diabetes at baseline and during follow-up on the risk of coronary heart disease', **European Heart Journal**, vol 28, no. 24, pp. 3059-3066.
- Hu, G, Jousilahti, P, Nissinen, A, Bidel, S, Antikainen, R, Tuomilehto, J 2007, 'Coffee consumption and the incidence of anti hypertensive drug treatment in Finnish men and women', **American Journal of Clinical Nutrition**, vol 86, no. 2, pp. 457-464.
- Hu, G, Jousilahti, P, Borodulin, K, Barengo, NC, Lakka, TA, Nissinen, A, Tuomilehto, J 2007, 'Occupational, commuting and leisure-time physical activity in relation to coronary heart disease among middle-aged Finnish men and women', **Atherosclerosis**, vol 194, no. 2, pp. 490-497.
- Hu, G, Jousilahti, P, Bidel, S, Antikainen, R, Tuomilehto, J 2007, 'Type 2 diabetes and the risk of Parkinson's disease', **Diabetes Care**, vol 30, no. 4, pp. 842-847.
- Hu, G, Jousilahti, P, Tuomilehto, J 2007, 'Body mass index and the risk of Parkinson disease: reply from the authors : [Letter]', **Neurology**, vol 68, no. 24, pp. 2156-2157.
- Hublin, C, Partinen, M, Koskenvuo, M, Kaprio, J 2007, 'Sleep and mortality: A population-based 22-year follow-up study', **Sleep**, vol 30, pp. 1245-1253.
- Ijäs, P, Nuotio, K, Saksi, J, Soinne, L, Saimanen, E, Karjalainen-Lindsberg, M, Salonen, O, Sarna, S, Tuimala, J, Kovanen, PT, Kaste, M, Lindsberg, PJ 2007, 'Microarray analysis reveals overexpression of CD163 and HO-1 in symptomatic carotid plaques', **Arteriosclerosis, Thrombosis, and Vascular Biology**, vol 27, no. 1, pp. 154-160.
- Kaaja, R, Kujala, S, Manhem, K, Katzman, P, Kibarskis, A, Antikainen, R, Ylihäsälä, H, Erkkola, R, Tuomilehto, J 2007, 'Effects of sympatholytic therapy on insulin sensitivity indices in hypertensive postmenopausal women', **International Journal of Clinical Pharmacology and Therapeutics**, vol 45, no. 7, pp. 394-401.
- Kastarinen, M, Laatikainen, T, Salomaa, V, Jousilahti, P, Antikainen, R, Tuomilehto, J, Nissinen, A, Vartiainen, E 2007, 'Trends in lifestyle factors affecting blood pressure in hypertensive and normotensive Finns during 1982-2002', **Journal of Hypertension**, vol 25, no. 2, pp. 299-305.
- Kilpeläinen, TO, Lakka, TA, Laaksonen, DE, Laukkanen, O, Lindström, J, Eriksson, JG, Valle, TT, Hämäläinen, H, Aunola, S, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Tuomilehto, J, Uusitupa, M, Laakso, M, Finnish Diabet Prevent Study Grp 2007, 'Physical activity modifies the effect of SNPs in the SLC2A2 (GLUT2) and ABCC8 (SUR1) genes on the risk of developing type 2 diabetes', **Physiological Genomics**, vol 31, no. 2, pp. 264-272.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Korhonen, T, Broms, U, Varjonen, J, Romanov, K, Koskenvuo, M, Kinnunen, T, Kaprio, J 2007, 'Smoking behaviour as a predictor of depression among Finnish men and women: a prospective cohort study of adult twins', **Psychological Medicine**, vol 37, no. 5, pp. 705-715.
- Koskenvuo, M, Hublin, C, Partinen, M, Heikkilä, K, Kaprio, J 2007, 'Heritability of diurnal type: a nationwide study of 8753 adult twin pairs', **Journal of Sleep Research**, vol 16, no. 2, pp. 156-162.
- Laaksonen, M, Silventoinen, K, Martikainen, P, Rahkonen, O, Pitkaniemi, J, Lahelma, E 2007, 'The effects of childhood circumstances, adult socioeconomic status, and material circumstances on physical and mental functioning: a structural equation modelling approach.', **Annals of Epidemiology**, vol 17, no. 6, pp. 431-439.
- Laaksonen, DE, Siitonen, N, Lindström, J, Eriksson, JG, Reunanen, P, Tuomilehto, J, Uusitupa, M, Finnish Diabet Prevention Study Gr 2007, 'Physical activity, diet, and incident diabetes in relation to an ADRA2B polymorphism', **Medicine and Science in Sports and Exercise**, vol 39, no. 2, pp. 227-232.
- Lammi, N, Taskinen, O, Moltchanova, E, Notkola, I, Eriksson, JG, Tuomilehto, J, Karvonen, M 2007, 'A high incidence of type 1 diabetes and an alarming increase in the incidence of type 2 diabetes among young adults in Finland between 1992 and 1996', **Diabetologia**, vol 50, no. 7, pp. 1393-1400.
- Lammi, N, Moltchanova, E, Blomstedt, P, Eriksson, JG, Taskinen, O, Sarti, C, Tuomilehto, J, Karvonen, M 2007, 'The effect of birth order and parental age on the risk of type 1 and 2 diabetes among young adults', **Diabetologia**, vol 50, no. 12, pp. 2433-2438.
- Lepistö, A, Sarna, S, Tiitinen, A, Järvinen, H 2007, 'Female fertility and childbirth after ileal pouch-anal anastomosis for ulcerative colitis', **British Journal of Surgery**, vol 94, pp. 478-482.
- Lewington, S, Whitlock, G, Clarke, R, Sherliker, P, Emberson, J, Halsey, J, Qizilbash, N, Peto, R, Collins, R, MacMahon, S, Aromaa, A, Baigent, C, Carstensen, J, Chen, Z, Duffy, S, Kromhout, D, Neaton, J, Rodgers, A, Tominaga, S, Törnberg, S, Tunstall-Pedoe, H, Tuomilehto, J, Prospective Studies Collaboration 2007, 'Blood cholesterol and vascular mortality by age, sex, and blood pressure: a meta-analysis of individual data from 61 prospective studies with 55,000 vascular deaths', **Lancet**, vol 370, no. 9602, pp. 1829-1839.
- Lindgren, P, Lindstrom, J, Tuomilehto, J, Uusitupa, M, Peltonen, M, Jonsson, B, de Faire, U, Hellenius, M, DPS Study Grp 2007, 'Lifestyle intervention to prevent diabetes in men and women with impaired glucose tolerance is cost-effective', **International Journal of Technology Assessment in Health Care**, vol 23, no. 2, pp. 177-183.
- Lundqvist, E, Kaprio, J, Verkasalo, PK, Pukkala, E, Koskenvuo, M, Söderberg, KC, Feychting, M 2007, 'Co-twin control and cohort analyses of body mass index and height in relation to breast, prostate, ovarian, corpus uteri, colon and rectal cancer among Swedish and Finnish twins', **International Journal of Cancer Research**, vol 121, no. 4, pp. 810-818.
- Mannerkoski, MK, Åberg, LE, Autti, TH, Hoikkala, M, Sarna, S, Heiskala, HJ 2007, 'Newborns at risk for special education placement: a population-based study', **European journal of paediatric neurology**, vol 11, no. 4, pp. 223-231.
- Methuen, T, Kylanpää, L, Kekalainen, O, Halonen, T, Tukiainen, E, Sarna, S, Kempainen, E, Haapiainen, R, Puolakkainen, P, Salaspuro, M 2007, 'Disialotransferrin, determined by capillary electrophoresis, is an accurate biomarker for alcoholic cause of acute pancreatitis', **Pancreas**, vol 34, no. 4, pp. 405-409.
- Nan, H, Dong, Y, Gao, W, Tuomilehto, J, Qiao, Q 2007, 'Diabetes associated with a low serum uric acid level in a general Chinese population', **Diabetes Research and Clinical Practice**, vol 76, no. 1, pp. 68-74.
- Ngandu, T, Helkala, E, Soininen, H, Winblad, B, Tuomilehto, J, Nissinen, A, Kivipelto, M 2007, 'Alcohol Drinking and Cognitive Functions: Findings from the Cardiovascular Risk Factors Aging and Dementia (CAIDE) Study', **Dementia and Geriatric Cognitive Disorders**, vol 23, no. 3, pp. 140-149.
- Ngandu, T, von Strauss, E, Helkala, E, Winblad, B, Nissinen, A, Tuomilehto, J, Soininen, H, Kivipelto, M 2007, 'Education and dementia - What lies behind the association?', **Neurology**, vol 69, no. 14, pp. 1442-1450.
- Nuotio, K, Isoviita, P, Saksi, J, Ijäs, P, Pitkaniemi, J, Sonninen, R, Soine, L, Saimanen, E, Salonen, O, Kovanen, PT, Kaste, M, Lindsberg, PJ 2007, 'Adipophilin expression is increased in symptomatic carotid atherosclerosis: correlation with red blood cells and cholesterol crystals', **Stroke**, vol 38, no. 6, pp. 1791-1798.
- Nuotio, K, Isoviita, P, Saksi, J, Ijäs, P, Pitkaniemi, JM, Sonninen, R, Soine, LS, Saimanen, E, Salonen, O, Kovanen, PT, Kaste, M, Lindsberg, P 2007, 'Adipophilin expression is increased in symptomatic carotid atherosclerosis: correlation with red blood cells and cholesterol crystals.', **Stroke**, vol 38, pp. 1791-1798.
- Nyamdorj, R, Gao, W, Qiao, Q, Tuomilehto, J, Nakagami, T, Hammar, N, Johansson, S, Lam, T, DECODA Study Group 2007, 'Prevalence of the metabolic syndrome in populations of Asian origin: comparison of the IDF definition with the NCEP definition', **Diabetes Research and Clinical Practice**, vol 76, no. 1, pp. 57-67.
- Ottelin, A, Lindström, J, Peltonen, M, Martikainen, J, Uusitupa, M, Gylling, H, Poutanen, K, Louheranta, A, Mannelin, M, Paturi, M, Salminen, V, Tuomilehto, J, Finnish Diabet Prevention Study G 2007, 'Costs of a self-selected, health-promoting diet among the participants of the Finnish Diabetes Prevention Study', **Diabetes Care**, vol 30, no. 5, pp. 1275-1277.
- Ozaki, R, Qiao, Q, Wong, GWK, Chan, MHM, So, W, Tong, PCY, Ho, CS, Ko, GT, Kong, APS, Lam, CWK, Tuomilehto, J, Chan, JCN 2007, 'Overweight, family history of diabetes and attending schools of lower academic grading are independent predictors for metabolic syndrome in Hong Kong Chinese adolescents', **Archives of Disease in Childhood**, vol 92, no. 3, pp. 224-228.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Paavonen, KJ, Swan, H, Piippo, K, Laitinen, P, Fodstad, H, Sarna, S, Toivonen, L, Kontula, K, Viitasalo, M **2007**, '[beta]1-Adrenergic receptor polymorphisms, QTc interval and occurrence of symptoms in type 1 of long QT syndrome', **International Journal of Cardiology**, vol 118, no. 2, pp. 197-202.
- Paile-Hyvärinen, M, Räikkönen, K, Forsen, T, Kajantie, E, Ylihäsälä, HM, Salonen, MK, Osmond, C, Eriksson, JG **2007**, 'Depression and its association with diabetes, cardiovascular disease, and birth weight', **Annals of Medicine**, vol 39, no. 8, pp. 634-640.
- Pajala, S, Era, P, Koskenvuo, M, Kaprio, J, Tolvanen, A, Rantanen, T **2007**, 'Genetic and environmental contribution to postural balance of older women in single and dual task situations', **Neurobiology of Aging**, vol 28, no. 6, pp. 947-954.
- Parssinen, O, Era, P, Tolvanen, A, Kaprio, J, Koskenvuo, M, Rantanen, T **2007**, 'Heritability of intraocular pressure in older female twins', **Ophthalmology**, vol 114, no. 12, pp. 2227-2231.
- Peltola, H, Roine, I, Fernandez, J, Zavala, I, Ayala, SG, Mata, AG, Arbo, A, Bologna, R, Mino, G, Goyo, J, Lopez, E, de Andrade, SD, Sarna, S **2007**, 'Adjuvant glycerol and/or dexamethasone to improve the outcomes of childhood bacterial meningitis: a prospective, randomized, double-blind, placebo-controlled trial', **Clinical Infectious Diseases**, vol 45, no. 10, pp. 1277-1286.
- Pesonen, E, Andsberg, E, Öhlin, H, Puolakkainen, M, Rautelin, H, Sarna, S, Persson, K **2007**, 'Dual role of infections as risk factors for coronary heart disease', **Atherosclerosis**, vol 192, no. 2, pp. 370-375.
- Pitkaniemi, JM, Moltchanova, E, Haapala, L, Harjutsalo, V, Tuomilehto, J, Hakulinen, T **2007**, 'Genetic random effects model for family data with long-term survivors: Analysis of diabetic nephropathy in type 1 diabetes', **Genetic Epidemiology**, vol 31, no. 7, pp. 697-708.
- Pussinen, PJ, Alfthan, G, Jousilahti, P, Paju, S, Tuomilehto, J **2007**, 'Systemic exposure to Porphyromonas gingivalis predicts incident stroke', **Atherosclerosis**, vol 193, no. 1, pp. 222-228.
- Qiao, Q, Gao, W, Zhang, L, Nyamdorj, R, Tuomilehto, J **2007**, 'Metabolic syndrome and cardiovascular disease', **Annals of Clinical Biochemistry**, vol 44, no. Pt3, pp. 232-263.
- Qiao, Q, Österholm, A, He, B, Pitkaniemi, JM, Cordell, HJ, Sarti, C, Kinnunen, L, Tuomilehto-Wolf, E, Tryggvason, K, Tuomilehto, J **2007**, 'A genome-wide scan for type 1 diabetes susceptibility genes in nuclear families with multiple affected siblings in Finland', **BMC Genetics**, vol 2007, no. 8.
- Renkonen-Sinisalo, L, Kivisaari, A, Kivisaari, L, Sarna, S, Jarvinen, HJ **2007**, 'Utility of computed tomographic colonography in surveillance for hereditary nonpolyposis colorectal cancer syndrome', **Familial Cancer**, vol 6, no. 1, pp. 135-140.
- Rintamaki, R, Partonen, T, Haukka, J, Virtamo, J, Albanes, D, Lonnqvist, J **2007**, 'Mood symptoms and disorders in association with dietary intake', **International Journal of Psychiatry in Clinical Practice**, vol 11, pp. 337-337.
- Rovio, S, Kåreholt, I, Viitonen, M, Winblad, B, Tuomilehto, J, Soininen, H, Nissinen, A, Kivipelto, M **2007**, 'Work-related physical activity and the risk of dementia and Alzheimer's disease', **International Journal of Geriatric Psychiatry**, vol 22, no. 9, pp. 874-882.
- Ryden, L, Standl, E, Bartnik, M, Van den Berghe, G, Betteridge, J, de Boer, M, Cosentino, F, Jönsson, B, Laakso, M, Malmberg, K, Pioro, S, Östergren, J, Tuomilehto, J, Thrainsdottir, I, Vanhorebeek, I, Stramba-Badiale, M, Lindgren, P, Qiao, Q **2007**, 'Guidelines on diabetes, pre-diabetes, and cardiovascular diseases: full text: The Task Force on Diabetes and Cardiovascular Diseases of the European Society of Cardiology (ESC) and of the European Association for the Study of Diabetes (EASD)', **European Heart Journal Supplements**, vol 9, no. suppl. C, pp. C3-C74.
- Ryden, L, Standl, E, Bartnik, M, Van den Berghe, G, Betteridge, J, de Boer, M, Cosentino, F, Jonsson, B, Laakso, M, Malmberg, K, Pioro, S, Östergren, J, Tuomilehto, J, Thrainsdottir, I, Vanhorebeek, I, Stramba-Badiale, M, Lindgren, P, Qiao, Q, Pioro, SG, Blanc, J, Budaj, A, Camm, J, Dean, V, Deckers, J, Dickstein, K, Lekakis, J, McGregor, K, Metra, M, Morais, J, Osterspey, A, Tamargo, J, Luis Zamorano, J, Deckers, JW, Bertrand, M, Charbonnel, B, Erdmann, E, Ferrannini, E, Flyvbjerg, A, Gohlke, H, Gonzalez Juanatey, JR, Graham, I, Monteiro, PF, Parhofer, K, Pyörälä, K, Raz, I, Scherthaner, G, Volpe, M, Wood, D, EASD, ESC **2007**, 'Guidelines on diabetes, pre-diabetes, and cardiovascular diseases: full text', **European Heart Journal Supplements**, vol 9, no. suppl C, pp. C3-C74.
- Ryden, L, Standl, E, Bartnik, M, Van den Berghe, G, Betteridge, J, de Boer, M, Cosentino, F, Jönsson, B, Laakso, M, Malmberg, K, Pioro, S, Östergren, J, Tuomilehto, J, Thrainsdottir, I, Vanhorebeek, I, Stramba-Badiale, M, Lindgren, P, Qiao, Q **2007**, 'Guidelines on diabetes, pre-diabetes, and cardiovascular diseases: executive summary: the Task Force on Diabetes and Cardiovascular Diseases of the European Society of Cardiology (ESC) and of the European Association for the Study of Diabetes (EASD)', **European Heart Journal**, vol 28, no. 1, pp. 88-136.
- Rydén, L, Standl, E, Bartnik, M, Van den Berghe, G, Betteridge, J, de Boer, M, Cosentino, F, Jönsson, B, Laakso, M, Malmberg, K, Pioro, S, Östergren, J, Tuomilehto, J, Thrainsdottir, I, Grupo de Trabajo sobre Diabetes y Enfermedades Cardiovasculares de la Sociedad Europea de Cardiología y de la Sociedad Europea para el Estudio de la Diabetes **2007**, 'Guías de practica clinica sobre diabetes, prediabetes y enfermedades cardiovasculares', **Revista española de cardiología**, vol 60, no. 5, pp. 1e-64e.
- Saaristo, T, Pelttonen, M, Keinänen-Kiukaanniemi, S, Vanhola, M, Saltevo, J, Niskanen, L, Oksa, H, Korpi-Hyövälti, E, Tuomilehto, J, FIN-D2D Study Grp **2007**, 'National type 2 diabetes prevention programme in Finland: FIN-D2D', **International Journal of Circumpolar Health. Supplement**, vol 66, no. 2, pp. 101-112.
- Schwarz, PE, Li, J, Lindström, J, Bergmann, A, Gruhl, U, Saaristo, T, Tuomilehto, J **2007**, 'How should the clinician most effectively prevent type 2 diabetes in the obese person at high risk?', **Current diabetes reports.**, vol 7, no. 5, pp. 353-362.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Scott, LJ, Mohlke, KL, Bonnycastle, LL, Willer, CJ, Li, Y, Duren, WL, Erdos, MR, Stringham, HM, Chines, PS, Jackson, AU, Prokunina-Olsson, L, Ding, C, Swift, AJ, Narisu, N, Hu, T, Pruim, R, Xiao, R, Li, X, Conneely, KN, Riebow, NL, Sprau, AG, Tong, M, White, PP, Hetrick, KN, Barnhart, MW, Bark, CW, Goldstein, JL, Watkins, L, Xiang, F, Saramies, J, Buchanan, TA, Watanabe, RM, Valle, TT, Kinnunen, L, Abecasis, GR, Pugh, EW, Doheny, KF, Bergman, RN, Tuomilehto, J, Collins, FS, Boehnke, M 2007, 'A genome-wide association study of type 2 diabetes in Finns detects multiple susceptibility variants', **Science**, vol 316, no. 5829, pp. 1341-1345.
- Shtir, C, Nagakawa, IS, Duren, WL, Conneely, KN, Scott, LJ, Silander, K, Valle, TT, Tuomilehto, J, Buchanan, TA, Bergman, RN, Collins, FS, Boehnke, M, Watanabe, RM 2007, 'Subsets of finns with high HDL to total cholesterol ratio show evidence for linkage to type 2 diabetes on chromosome 6q', **Human Heredity**, vol 63, no. 1, pp. 17-25.
- Solomon, A, Kåreholt, I, Ngandu, T, Winblad, B, Nissinen, A, Tuomilehto, J, Soininen, H, Kivipelto, M 2007, 'Serum cholesterol changes after midlife and late-life cognition - Twenty-one-year follow-up study', **Neurology**, vol 68, no. 10, pp. 751-756.
- Suominen, S, Vahtera, J, Korkeila, K, Helenius, H, Kivimäki, M, Koskenvuo, M 2007, 'Job strain, life events, and sickness absence: A longitudinal cohort study in a random population sample', **Journal of Occupational and Environmental Medicine**, vol 49, no. 9, pp. 990-996.
- Söderberg, S, Zimmet, P, Tuomilehto, J, Chitson, P, Gareeboo, H, Alberti, KGMM, Shaw, JE 2007, 'Leptin predicts the development of diabetes in Mauritian men, but not women: a population-based study', **International Journal of Obesity**, vol 31, no. 7, pp. 1126-1133.
- Tiainen, K, Pajala, S, Sipilä, S, Kaprio, J, Koskenvuo, M, Alen, M, Heikkinen, E, Tolvanen, A, Rantanen, T 2007, 'Genetic effects in common on maximal walking speed and muscle performance in older women', **Scandinavian Journal of Medicine & Science in Sports**, vol 17, no. 3, pp. 274-280.
- Tiihonen, J, Kuoppasalmi, K, Fohr, J, Tuomola, P, Kuikanmäki, O, Vormaa, H, Sokero, P, Haukka, J, Meriläinen, E 2007, 'A comparison of aripiprazole, methylphenidate, and placebo for amphetamine dependence', **American Journal of Psychiatry**, vol 164, no. 1, pp. 160-162.
- Tiihonen, J, Wahlbeck, K, Lonnqvist, J, Klaukka, T, Ioannidis, JPA, Volavka, J, Haukka, J 2007, 'Real-world effectiveness of Pharmacological treatments in schizophrenia', **European Psychiatry**, vol 22, pp. S55-S56.
- Tolppanen, A, Pulkkinen, L, Kolehmainen, M, Schwab, U, Lindström, J, Tuomilehto, J, Uusitupa, M, Finnish Diabetes Prevention Study Group 2007, 'Tenomodulin is associated with obesity and diabetes risk: The Finnish Diabetes Prevention Study', **Obesity**, vol 15, no. 5, pp. 1082-1088.
- Tuomilehto, J 2007, 'Counterpoint: Evidence-based prevention of type 2 diabetes: The power of lifestyle management', **Diabetes Care**, vol 30, no. 2, pp. 435-438.
- Tuomilehto, J 2007, 'Rosuvastatin: the most efficient treatment option for patients with dyslipidemia', **Future Lipidology**, vol 2, pp. 127-141.
- Tuomilehto, J, Jousilahti, P, Lindström, J, Garancini, MP, Calori, G, Ruotolo, G, Bouter, LM, Dekker, JM, Heine, RJ, Nijpels, G, Stehouwer, CDA, Pajak, A, Kawalec, E, Eliasson, M, Stegmayr, B, Wareham, NJ, Unwin, N, Ahmad, N, Albert, KGMM, Hayes, L, Borch-Johnsen, K, Qiao, Q, Balkau, B, Pyörälä, K, DECODE Study Group 2007, 'Does diagnosis of the metabolic syndrome detect further men at high risk of cardiovascular death beyond those identified by a conventional cardiovascular risk score?: the DECODE Study : the diabetes epidemiology : collaborative analysis of diagnostic criteria in Europe (DECODE) study group', **European Journal of Cardiovascular Prevention & Rehabilitation**, vol 14, no. 2, pp. 192-199.
- Tuomilehto, J 2007, 'Does treatment with rosiglitazone reduce the incidence of diabetes in individuals with impaired glucose regulation?', **Nature Clinical Practice Endocrinology & Metabolism**, vol 3, no. 3, pp. 212-213.
- Udd, M, Leppäniemi, A, Bidel, S, Keto, P, Roth, W, Haapiainen, R, Haapiainen, R 2007, 'Treatment of bleeding pseudoaneurysms in patients with chronic pancreatitis', **World Journal of Surgery**, vol 31, no. 3, pp. 504-510.
- Vahtera, J, Kivimäki, M, Hublin, C, Korkeila, K, Suominen, S, Paunio, T, Koskenvuo, M 2007, 'Liability to anxiety and severe life events as predictors of new-onset sleep disturbances', **Sleep**, vol 30, no. 11, pp. 1537-1546.
- Valtonen, HM, Suominen, K, Haukka, J, Mantere, O, Leppämäki, S, Arvilommi, P, Isometsa, ET 2007, 'Difference in incidence of suicide attempts during phases of bipolar I and bipolar II disorders', **Bipolar Disorders**, vol 9, pp. 107-107.
- Vasankari, T, Kokki, M, Holmström, P, Lippo, K, Sarna, S, Ruutu, P 2007, 'Great diversity of tuberculosis treatment in Finland', **Eurosurveillance : bulletin europeen sur les maladies transmissibles**, vol 12, no. 1, pp. 17-21.
- Viinanen, A, Munhbayarlah, S, Zevgee, T, Narantsetseg, L, Naidansuren, T, Koskenvuo, M, Helenius, H, Terho, EO 2007, 'The protective effect of rural living against atopy in Mongolia', **Allergy : European journal of allergy and clinical immunology**, vol 62, no. 3, pp. 272-280.
- Viljanen, A, Era, P, Kaprio, J, Pyykkö, I, Koskenvuo, M, Rantanen, T 2007, 'Genetic and environmental influences on hearing in older women', **Journals of Gerontology. Series A: Biological Sciences & Medical Sciences**, vol 62, no. 4, pp. 447-452.
- Viljanen, A, Kaprio, J, Pyykkö, I, Sorri, M, Kauppinen, M, Koskenvuo, M, Rantanen, T 2007, 'Genetic and environmental influences on hearing at different frequencies separately for the better and worse hearing ear in older women', **International Journal of Audiology**, vol 46, no. 12, pp. 772-779.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

Volanen, S, Suominen, S, Lahelma, E, Koskenvuo, M, Silventoinen, K 2007, 'Negative life events and stability of sense of coherence: A five-year follow-up study of Finnish women and men', **Scandinavian Journal of Psychology**, vol 48, no. 5, pp. 433-441.

Vuorinen, HS, Juuti, PS, Katko, TS 2007, 'History of water and health from ancient civilizations to modern times', **Water Science and Technology: Water Supply**, vol 7, no. 1, pp. 49-57.

Wang, J, Li, H, Kinnunen, L, Hu, G, Jarvinen, TM, Miettinen, ME, Yuan, S, Tuomilehto, J 2007, 'How well does the metabolic syndrome defined by five definitions predict incident diabetes and incident coronary heart disease in a Chinese population?', **Atherosclerosis**, vol 192, no. 1, pp. 161-168.

Wang, J, Kuusisto, J, Vantinen, M, Kuulasmaa, T, Lindström, J, Tuomilehto, J, Uusitupa, M, Laakso, M 2007, 'Variants of transcription factor 7-like 2 (TCF7L2) gene predict conversion to type 2 diabetes in the Finnish Diabetes Prevention Study and are associated with impaired glucose regulation and impaired insulin secretion', **Diabetologia**, vol 50, no. 6, pp. 1192-1200.

Willer, CJ, Bonnycastle, LL, Conneely, KN, Duren, WL, Jackson, AU, Scott, LJ, Narisu, N, Chines, PS, Skol, A, Stringham, HM, Petrie, J, Erdos, MR, Swift, AJ, Enloe, ST, Sprau, AG, Smith, E, Tong, M, Doherty, KF, Pugh, EW, Watanabe, RM, Buchanan, TA, Valle, TT, Bergman, RN, Tuomilehto, J, Mohlke, KL, Collins, FS, Boehnke, M 2007, 'Screening of 134 single nucleotide polymorphisms (SNPs) previously associated with type 2 diabetes replicates association with 12 SNPs in nine genes', **Diabetes**, vol 56, no. 1, pp. 256-264.

Yliharsilä, HM, Kajantie, EO, Osmond, C, Forsen, T, Barker, DJP, Eriksson, JG 2007, 'Birth size, adult body composition and muscle strength in later life', **International Journal of Obesity**, vol 31, no. 9, pp. 1392-1399.

Österholm, AM, He, B, Pitkaniemi, J, Albinsson, L, Berg, T, Sarti, C, Tuomilehto, J, Tryggvason, K 2007, 'Genome-wide scan for type 1 diabetic nephropathy in the Finnish population reveals suggestive linkage to a single locus on chromosome 3q', **Kidney International**, vol 71, no. 2, pp. 140-145.

**2008**

Ahlberg, K, Jahkola, A, Savolainen, A, Könönen, M, Partinen, M, Hublin, C, Sinisalo, J, Lindholm, H, Sarna, S, Ahlberg, J 2008, 'Associations of reported bruxism with insomnia and insufficient sleep symptoms among media personnel with or without irregular shift work', **Head & Face Medicine**, vol 4, no. 4.

Barengo, NC, Katoh, S, Moltchanov, V, Tajima, N, Tuomilehto, J 2008, 'The diabetes-cardiovascular risk paradox: results from a Finnish population-based prospective study', **European Heart Journal**, vol 29, no. 15, pp. 1889-1895.

Barengo, NC, Katoh, S, Moltchanov, V, Tajima, N, Tuomilehto, J 2008, 'The diabetes-cardiovascular risk paradox: Results from a Finnish population-based prospective study', **Circulation (Baltimore)**, vol 118, no. 12, pp. 308-308.

Beckett, NS, Peters, R, Fletcher, AE, Staessen, JA, Liu, L, Dumitrascu, D, Stoyanovsky, V, Antikainen, RL, Nikitin, Y, Anderson, C, Belhani, A, Forette, F, Rajkumar, C, Thijs, L, Banya, W, Bulpitt, CJ, McCormack, T, Potter, J, Extremera, BG, Sever, P, Swift, C, Tuomilehto, J, HYVET Study Group 2008, 'Treatment of hypertension in patients 80 years of age or older', **New England Journal of Medicine**, vol 358, no. 18, pp. 1887-1898.

Bidel, S, Hu, G, Tuomilehto, J 2008, 'Coffee consumption and type 2 diabetes - An extensive review', **Central European Journal of Medicine**, vol 3, no. 1, pp. 9-19.

Bidel, S, Silventoinen, K, Hu, G, Lee, D, Kaprio, J, Tuomilehto, J 2008, 'Coffee consumption, serum gamma-glutamyltransferase and risk of type II diabetes', **European Journal of Clinical Nutrition**, vol 62, no. 2, pp. 178-185.

Califf, RM, Boolell, M, Haffner, SM, Bethel, MA, McMurray, J, Duggal, A, Holman, RR, Martinez, F, Sinay, I, Villamil, A, Fulcher, G, Krum, H, Prager, R, Scheen, A, Chacra, A, Leiter, L, Pan, C, Soska, V, Schmitz, O, Stender, S, Laakso, M, Tuomilehto, J, Charbonnel, B, Schaper, F, Raptis, SA, Chow, F, Tamas, G, Buckley, B, Tognoni, G, Meaney, E, Rutten, G, Jenssen, T, Gaciong, Z, Belenkov, Y, Mareev, V, Vozar, J, Levitt, N, Gaztambide, S, Sandstrom, H, Diem, P, Chiang, F, Ilkova, H, Davies, M, Buse, J, Deedwania, P, Einhorn, D, Fonseca, V, Giles, T, Horton, E, Kahn, S, Mazzone, T, Nesto, R, NAVIGATOR Study Group 2008, 'Prevention of diabetes and cardiovascular disease in patients with impaired glucose tolerance: rationale and design of the Nateglinide And Valsartan in Impaired Glucose Tolerance Outcomes Research (NAVIGATOR) Trial', **American Heart Journal**, vol 156, no. 4, pp. 623-632.

Cameron, AJ, Boyko, EJ, Sicree, RA, Zimmet, PZ, Soderberg, S, Alberti, KGMM, Tuomilehto, J, Chitson, P, Shaw, JE 2008, 'Central Obesity as a Precursor to the Metabolic Syndrome in the AusDiab Study and Mauritius', **Obesity**, vol 16, no. 12, pp. 2707-2716.

Carstensen, B, Lindstrom, J, Sundvall, J, Borch-Johnsen, K, Tuomilehto, J, DPS Study Grp 2008, 'Measurement of blood glucose: comparison between different types of specimens', **Annals of Clinical Biochemistry**, vol 45, no. 2, pp. 140-148.

Ceriello, A, Colagiuri, S, Gerich, J, Tuomilehto, J 2008, 'Guideline for management of postmeal glucose', **Nutrition, Metabolism and Cardiovascular Diseases**, vol 18, no. 4, pp. S17-S33.

Chen, W, Erdos, MR, Jackson, AU, Saxena, R, Sanna, S, Silver, KD, Timpson, NJ, Hansen, T, Orru, M, Piras, MG, Bonnycastle, LL, Willer, CJ, Lyssenko, V, Shen, H, Kuusisto, J, Ebrahim, S, Sestu, N, Duren, WL, Spada, MC, Stringham, HM, Scott, LJ, Olla, N, Swift, AJ, Najjar, S, Mitchell, BD, Lawlor, DA, Smith, GD, Ben-Shlomo, Y, Andersen, G, Borch-Johnsen, K, Jorgensen, T, Saramies, J, Valle, TT, Buchanan, TA, Shuldiner, AR, Lakatta, E, Bergman, RN, Uda, M, Tuomilehto, J, Pedersen, O, Cao, A, Groop, L, Mohlke, KL, Laakso, M, Schlessinger, D, Collins, FS, Alshuler, D, Abecasis, GR, Boehnke, M, Scuteri, A, Watanabe, RM 2008, 'Variations in the G6PC2/ABCB11 genomic region are associated with fasting glucose levels', **Journal of Clinical Investigation**, vol 118, no. 7, pp. 2620-2628.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Eskelinen, MH, Ngandu, T, Helkala, E, Tuomilehto, J, Nissinen, A, Soininen, H, Kivipelto, M **2008**, 'Fat intake at midlife and cognitive impairment later in life: a population-based CAIDE study', **International Journal of Geriatric Psychiatry**, vol 23, no. 7, pp. 741-747.
- Gao, W, Tuomilehto, J, Jousilahti, P, Lindström, J, Laatikainen, T, Peltonen, M, Garancini, MP, Calori, G, Ruotolo, G, Bouter, LM, Dekker, JM, Heine, RJ, Nijpels, G, Stehouwer, CDA, Pajak, A, Kawalec, E, Eliasson, M, Stegmayr, B, Lundberg, V, Zethelius, B, Wareham, NJ, Unwin, N, Ahmad, N, Alberti, KGM, Hayes, L, Qiao, Q, Borch-Johnsen, K, Balkau, B, DECODE Study Group **2008**, 'Does the constellation of risk factors with and without abdominal adiposity associate with different cardiovascular mortality risk?', **International Journal of Obesity**, vol 32, no. 5, pp. 757-762.
- Gao, W, Dong, Y, Nan, H, Tuomilehto, J, Qiao, Q **2008**, 'The likelihood of diabetes based on the proposed definitions for impaired fasting glucose', **Diabetes Research and Clinical Practice**, vol 79, no. 1, pp. 151-155.
- Gaulton, KJ, Willer, CJ, Li, Y, Scott, LJ, Conneely, KN, Jackson, AU, Duren, WL, Chines, PS, Narisu, N, Bonnycastle, LL, Luo, J, Tong, M, Sprau, AG, Pugh, EW, Doheny, KF, Valle, TT, Abecasis, GR, Tuomilehto, J, Bergman, RN, Collins, FS, Boehnke, M, Mohlkel, KL **2008**, 'Comprehensive Association Study of Type 2 Diabetes and Related Quantitative Traits With 222 Candidate Genes', **Diabetes**, vol 57, no. 11, pp. 3136-3144.
- Gruhl, U, Hall, M, Tuomilehto, J, Roden, M, Kronsbein, P, Peltonen, M, Fischer, M, Schwarz, P, IMAGE study group **2008**, 'The IMAGE project: preventing type 2 diabetes in Europe', **Diabetes voice : bulletin of the International Diabetes Federation**, vol 53, no. 3, pp. 41-44.
- Harjutsalo, V, Sjöberg-Tuominen, L, Tuomilehto, J **2008**, 'Time trends in the incidence of type 1 diabetes in Finnish children: a cohort study', **Lancet**, vol 371, no. 9626, pp. 1777-1782.
- Harjutsalo, V, Sjöberg, L, Tuomilehto, J **2008**, 'Time trends in the incidence of type 1 diabetes in Finnish children: a cohort study', **Lancet**, vol 371, pp. 1777-1782.
- Harjutsalo, V, Lammi, N, Karvonen, M, Tuomilehto, J **2008**, 'How does the parental age-at-onset of type 1 diabetes (T 1 D) affect the risk of T1D in the offspring? A comparison of two large cohorts (age-at-onset 0-17 years and 15-39 years) in Finland', **Diabetologia**, vol 51, pp. 48-49.
- Hakonmaki, K, Silventoinen, K, Levalahti, E, Pitkaniemi, J, Huunan-Seppala, A, Klaukka, T, Koskenvuo, M, Kaprio, J **2008**, 'The Genetic Liability to Disability Retirement: A 30-Year Follow-Up Study of 24,000 Finnish Twins', **PLoS One**, vol 10, no. e3402, pp. e3402.
- Haukka, J, Tiihonen, J, Härkönen, T, Lönnqvist, J **2008**, 'Association between medication and risk of suicide, attempted suicide and death in nationwide cohort of suicidal patients with schizophrenia', **Pharmacoepidemiology and Drug Safety**, vol 17, no. 7, pp. 686-696.
- Haukka, J, Suominen, K, Partonen, T, Lönnqvist, J **2008**, 'Determinants and outcomes of serious attempted suicide: a nationwide study in Finland, 1996-2003', **American Journal of Epidemiology**, vol 167, no. 10, pp. 1155-1163.
- Haukka, J, Arffman, M, Partonen, T, Sihvo, S, Tiihonen, J, Lönnqvist, J **2008**, 'Antidepressant use and mortality in Finland: A register-linkage study from a nationwide cohort', **Journal of Affective Disorders**, vol 107, pp. S84-S84.
- Heikkinen, M, Pajukanta, R, Pitkaniemi, J, Broms, U, Sorsa, T, Koskenvuo, M, Meurman, JH **2008**, 'The effect of smoking on periodontal health of 15- to 16-year-old adolescents', **Journal of Periodontology**, vol 79, no. 11, pp. 2042-2047.
- Heinonen-Guzejev, M, Vuorinen, HS, Mussalo-Rauhamaa, H, Heikkilä, KV, Koskenvuo, M, Kaprio, J **2008**, 'Genetic component of noise sensitivity (vol 8, pg 245, 2005)', **Twin Research and Human Genetics**, vol 11, pp. II-II.
- Hu, G, Lindström, J, Jousilahti, P, Peltonen, M, Sjöberg, L, Kaaja, R, Sundvall, J, Tuomilehto, J **2008**, 'The increasing prevalence of metabolic syndrome among Finnish men and women over a decade', **Journal of Clinical Endocrinology and Metabolism**, vol 93, no. 3, pp. 832-836.
- Hu, G, Tuomilehto, J, Pukkala, E, Hakulinen, T, Antikainen, R, Vartiainen, E, Jousilahti, P **2008**, 'Joint effects of coffee consumption and serum gamma-glutamyltransferase on the risk of liver cancer', **Hepatology**, vol 48, no. 1, pp. 129-136.
- Hu, G, Antikainen, R, Jousilahti, P, Kivipelto, M, Tuomilehto, J **2008**, 'Total cholesterol and the risk of Parkinson disease', **Neurology**, vol 70, no. 21, pp. 1972-1979.
- Huang, K, Pang, Z, Bao, G, Qiao, Q **2008**, '[A survey of the correlation of glucose levels between capillary and venous]: [Chinese]', **Qilu Yixue Zazhi**, vol 23, no. 3, pp. 260-261.
- Huang, K, Pang, Z, Bao, G, Gao, W, Nan, H, Ren, J, Qiao, Q **2008**, 'Correlation between capillary blood glucose and venous plasma glucose levels', **Medical Journal Qilu**, vol 2008, no. 3, pp. 260-261.
- Häyry, V, Tynyninen, O, Haapasalo, HK, Wölfer, J, Paulus, W, Hasselblatt, M, Sariola, H, Paetau, A, Sarna, S, Niemelä, M, Wartiovaara, K, Nupponen, NN **2008**, 'Stem cell protein BMI-1 is an independent marker for poor prognosis in oligodendroglial tumours', **Neuropathology and Applied Neurobiology**, vol 34, no. 5, pp. 555-563.
- Ilanne-Parikka, P, Eriksson, JG, Lindstrom, J, Peltonen, M, Aunola, S, Hamalainen, H, Keinanen-Kiukkaanniemi, S, Laakso, M, Valle, TT, Lahtela, J, Uusitupa, M, Tuomilehto, J, Finnish Diabet Prevention Study Gr **2008**, 'Effect of lifestyle intervention on the occurrence of metabolic syndrome and its components in the Finnish Diabetes Prevention Study', **Diabetes Care**, vol 31, no. 4, pp. 805-807.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Jamerson, K, Weber, MA, Bakris, GL, Dahlöf, B, Pitt, B, Shi, V, Hester, A, Gupte, J, Gatlin, M, Velazquez, EJ, Weir, M, Egan, B, Devereux, R, Nesbitt, S, Cushman, W, Wright, J, Ofili, E, Papademetriou, V, Massie, B, Kjeldsen, S, Östergren, J, Ibsen, H, Tuomilehto, J, Black, HR, Julius, S, Oparil, S, Lindholm, LH, Fisher, L, Pfeffer, M, Solomon, S, Mahaffey, K, Lewis, E, Finn, P, Anavekar, N, Kenchaiah, S, Sampson, U, ACCOMPLISH Trial Investigators 2008, 'Benazepril plus amlodipine or hydrochlorothiazide for hypertension in high-risk patients', **New England Journal of Medicine**, vol 359, no. 23, pp. 2417-2428.
- Järvinen, T, Harjutsalo, V, Kinnunen, L, Miettinen, ME, Tuomilehto-Wolf, E, Tuomilehto, J 2008, 'A population-specific diabetogenic haplotype HLA-A2, Cw1, B56, DR4, DQ8 is associated with high birthweight in Finnish diabetic families', **Genes and Immunity**, vol 9, no. 3, pp. 207-213.
- Kainu, A, Lindqvist, A, Sarna, S, Lundback, B, Sovijärvi, A 2008, 'FEV1 response to bronchodilation in an adult urban population', **Chest**, vol 134, no. 2, pp. 387-393.
- Kainu, A, Lindqvist, A, Sarna, S, Sovijärvi, A 2008, 'Spirometric and anthropometric determinants of forced expiratory time in a general population', **Clinical Physiology and Functional Imaging**, vol 28, no. 1, pp. 38-42.
- Kainu, A, Lindqvist, A, Sarna, S, Sovijärvi, A 2008, 'Intra-session repeatability of FET and FEV6 in the general population', **Clinical Physiology and Functional Imaging**, vol 28, no. 3, pp. 196-201.
- Kervanto-Seppälä, S, Lavonius, E, Pietilä, I, Pitkaniemi, J, Meurman, JH, Kerosuo, E 2008, 'Comparing the caries-preventive effect of two fissure sealing modalities in public health care: a single application of glass ionomer and a routine resin-based sealant programme : a randomized split-mouth clinical trial', **International Journal of Paediatric Dentistry (Print)**, vol 18, no. 1, pp. 56-61.
- Kilpeläinen, TO, Lakka, TA, Laaksonen, DE, Lindstrom, J, Eriksson, JG, Valle, TT, Hamalainen, H, Ilanne-Parikka, P, Keinanen-Kiukkaanniemi, S, Lindi, V, Tuomilehto, J, Uusitupa, M, Laakso, M 2008, 'SNPs in PPARG associate with type 2 diabetes and interact with physical activity', **Medicine and Science in Sports and Exercise**, vol 40, no. 1, pp. 25-33.
- Kilpeläinen, TO, Lakka, TA, Laaksonen, DE, Mager, U, Salopuro, T, Kubaszek, A, Todorova, B, Laukkanen, O, Lindström, J, Eriksson, JG, Hämäläinen, H, Aunola, S, Ilanne-Parikka, P, Keinanen-Kiukkaanniemi, S, Tuomilehto, J, Laakso, M, Uusitupa, M, Finnish Diabetes Study Group 2008, 'Interaction of single nucleotide polymorphisms in ADRB2, ADRB3, TNF, IL6, IGF1R, LIPC, LEPR, and GHRL with physical activity on the risk of type 2 diabetes mellitus and changes in characteristics of the metabolic syndrome: The Finnish Diabetes Prevention Study', **Metabolism, clinical and experimental**, vol 57, no. 3, pp. 428-436.
- Kivipelto, M, Rovio, S, Ngandu, T, Kareholt, I, Eskelinen, M, Winblad, B, Hachinski, V, Cedazo-Minguez, A, Soininen, H, Tuomilehto, J, Nissinen, A 2008, 'Apolipoprotein E epsilon 4 magnifies lifestyle risks for dementia: a population-based study', **Journal of Cellular and Molecular Medicine**, vol 12, no. 6B, pp. 2762-2771.
- Kronholm, E, Partonen, T, Laatikainen, T, Peltonen, M, Harma, M, Hublin, C, Kaprio, J, Aro, AR, Partinen, M, Fogelholm, M, Valve, R, Vahtera, J, Oksanen, T, Kivimäki, M, Koskenvuo, M, Sutela, H 2008, 'Trends in self-reported sleep duration and insomnia-related symptoms in Finland from 1972 to 2005: a comparative review and re-analysis of Finnish population samples', **Journal of Sleep Research**, vol 17, no. 1, pp. 54-62.
- Kuusisto, H, Kaprio, J, Kinnunen, E, Luukkaala, T, Koskenvuo, M, Elovaara, I 2008, 'Concordance and heritability of multiple sclerosis in Finland: study on a nationwide series of twins', **European Journal of Neurology**, vol 15, no. 10, pp. 1106-1110.
- Laaksonen, DE, Niskanen, L, Mykkanen, H, Juntunen, KS, Schwab, U, Kolehmainen, M, Rauramaa, R, Tuomilehto, J, Uusitupa, M 2008, 'Long-term repeatability of measures of early insulin secretion derived from an intravenous glucose tolerance test and conversion from impaired glucose tolerance to diabetes', **Annals of Medicine**, vol 40, no. 4, pp. 303-311.
- Lahti, TA, Haukka, J, Lonnqvist, J, Partonen, T 2008, 'Daylight saving time transitions and hospital treatments due to accidents or manic episodes', **BMC Public Health**, vol 8, no. 74.
- Lahti, TA, Leppämäki, S, Ojanen, S, Tuulio-Henriksson, A, Haukka, J, Lonnqvist, J, Partonen, T 2008, 'Transition into and out of daylight saving time reduces the quality, and amount of sleep', **Journal of Sleep Research**, vol 17, pp. 138-139.
- Lallukka, T, Sariio-Lähteenkorva, S, Kaila-Kangas, L, Pitkaniemi, J, Luukkonen, R, Leino-Arjas, P 2008, 'Working conditions and weight gain: a 28-year follow-up study of industrial employees', **European Journal of Epidemiology**, vol 23, no. 4, pp. 303-310.
- Lammi, NM, Moltchanova, EV, Blomstedt, PA, Eriksson, JG, Tuomilehto, J, Karvonen, M 2008, 'Childhood BMI trajectories and the risk for type 1 and type 2 diabetes diagnosed in young adulthood', **Diabetologia**, vol 51, pp. 49-49.
- Lammi, N, Blomstedt, PA, Moltchanova, E, Eriksson, JG, Tuomilehto, J, Karvonen, M 2008, 'Marked temporal increase in the incidence of type 1 and type 2 diabetes among young adults in Finland', **Diabetologia**, vol 51, no. 5, pp. 897-899.
- Lindstrom, J, Peltonen, M, Eriksson, JG, Aunola, S, Hamalainen, H, Ilanne-Parikka, P, Keinanen-Kiukkaanniemi, S, Uusitupa, M, Tuomilehto, J, Finnish Diabet Prevention Study 2008, 'Determinants for the effectiveness of lifestyle intervention in the finnish diabetes prevention study', **Diabetes Care**, vol 31, no. 5, pp. 857-862.





INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Loos, RJF, Lindgren, CM, Li, S, Wheeler, E, Zhao, JH, Prokopenko, I, Inouye, M, Freathy, RM, Attwood, AP, Beckmann, JS, Berndt, SI, Bergmann, S, Bennett, AJ, Bingham, SA, Bochud, M, Brown, M, Cauchi, S, Connell, JM, Cooper, C, Davey Smith, G, Day, I, Dina, C, De, S, Dermizakis, ET, Doney, ASF, Elliott, KS, Elliott, P, Evans, DM, Sadaf Farooqi, I, Froguel, P, Ghorri, J, Groves, CJ, Gwilliam, R, Hadley, D, Hall, AS, Hattersley, AT, Hebebrand, J, Heid, IM, Herrera, B, Hinney, A, Hunt, SE, Järvelin, M, Johnson, T, Jolley, JDM, Karpe, F, Keniry, A, Khaw, K, Luben, RN, Mangino, M, Marchini, J, McArdle, WL, McGinnis, R, Meyre, D, Munroe, PB, Morris, AD, Ness, AR, Neville, MJ, Nica, AC, Ong, KK, O'Rahilly, S, Owen, KR, Palmer, CNA, Papadakis, K, Potter, S, Pouta, A, Qi, L, Randall, JC, Rayner, NW, Ring, SM, Sandhu, MS, Scherag, A, Sims, MA, Song, K, Soranzo, N, Speliotes, EK, Syddall, HE, Teichmann, SA, Timpson, NJ, Tobias, JH, Uda, M, Ganz Vogel, CI, Wallace, C, Waterworth, DM, Weedon, MN, Willer, CJ, Wraight, VL, Yuan, X, Zeggini, E, Hirschhorn, JN, Strachan, DP, Ouwehand, W, Caulfield, MJ, Samani, NJ, Frayling, TM, Vollenweider, P, Waeber, G, Mooser, V, Deloukas, P, McCarthy, MI, Wareham, NJ, Barroso, I, Jacobs, KB, Chanock, SJ, Hayes, RB, Lamina, C, Gieger, C, Illig, T, Meitinger, T, Wichmann, H, Kraft, P, Hankinson, SE, Hunter, DJ, Hu, FB, Lyon, HN, Voight, BF, Ridderstrale, M, Groop, L, Scheet, P, Sanna, S, Abecasis, GR, Nagaraja, R, Schlessinger, D, Jackson, AU, Tuomilehto, J, Collins, FS, Boehnke, M, Mohlke, KL, Prostate, Lung, Colorectal, and Ovarian (PLCO) Cancer Screening Trial **2008**. 'Common variants near MC4R are associated with fat mass, weight and risk of obesity', *Nature Genetics*, vol 40, no. 6, pp. 768-775.
- Mager, U, Degenhardt, A, Pulkkinen, L, Kolehmainen, M, Tolppanen, A, Lindstrom, J, Eriksson, JG, Carlberg, C, Tuomilehto, J, Uusitupa, M **2008**. 'Variations in the Ghrelin receptor gene associate with obesity and glucose metabolism in individuals with impaired glucose tolerance', *PLoS One*, vol 3, no. 8, pp. e2941.
- Magliano, DJ, Soderberg, S, Pauvaday, K, Kowlessur, S, Tuomilehto, J, Alberti, G, Shaw, JE, Zimmet, PZ **2008**. 'Diabetes, IGT and IFG: risk factors for all-cause mortality over 15 years in the multi-ethnic nation of Mauritius', *Diabetologia*, vol 51, pp. 177-178.
- Malmström, K, Lohi, J, Lindahl, H, Pelkonen, A, Kajosaari, M, Sarna, S, Malmberg, P, Mäkelä, M **2008**. 'Longitudinal follow-up of bronchial inflammation, respiratory symptoms, and pulmonary function in adolescents after repair of esophageal atresia with tracheoesophageal fistula', *The Journal of Pediatrics*, vol 153, no. 3, pp. 396-401.
- Mikkola, TM, Sipilä, S, Rantanen, T, Sievaenen, H, Suominen, H, Kaprio, J, Koskenvuo, M, Kauppinen, M, Heinonen, A **2008**. 'Genetic and environmental influence on structural strength of weight-bearing and non-weight-bearing bone: A twin study', *Journal of Bone and Mineral Research*, vol 23, pp. 492-498.
- Mikkola, TM, Heinonen, A, Kovanen, V, Cheng, S, Kujala, UM, Suominen, H, Alen, M, Puolakka, J, Ronkainen, P, Koskenvuo, M, Kaprio, J, Rantanen, T, Sipilä, S **2008**. 'The Influence of Long-Term Hormone Replacement Therapy on Tibia Bone Mineral Mass and Mass Distribution in Postmenopausal Women', *Journal of Bone and Mineral Research*, vol 23, pp. S124-S124.
- Nan, H, Qiao, Q, Söderberg, S, Gao, W, Zimmet, P, Shaw, J, Alberti, G, Dong, Y, Uusitalo, U, Pauvaday, V, Chitson, P, Tuomilehto, J **2008**. 'Serum uric acid and components of the metabolic syndrome in non-diabetic populations in Mauritian Indians and Creoles and in Chinese in Qingdao, China', *Metabolic Syndrome and Related Disorders*, vol 6, no. 1, pp. 47-57.
- Nan, H, Qiao, Q, Soderberg, S, Pitkaniemi, J, Zimmet, P, Shaw, J, Alberti, G, Uusitalo, U, Pauvaday, V, Chitson, P, Tuomilehto, J **2008**. 'Serum uric acid and incident diabetes in Mauritian Indian and Creole populations', *Diabetes Research and Clinical Practice*, vol 80, no. 2, pp. 321-327.
- Naslindh-Ylispangar, A, Sihvonen, M, Sarna, S, Kekki, P **2008**. 'Health status, symptoms and health counselling among middle-aged men: comparison of men at low and high risk', *Scandinavian Journal of Caring Sciences*, vol 22, no. 4, pp. 529-535.
- Naslindh-Ylispangar, A, Sihvonen, M, Sarna, S, Vanhanen, H, Kekki, P **2008**. 'Has brief counselling an impact on the risk factors for cardiovascular disease in 40-year-old men: a three-year follow-up study', *Central European Journal of Medicine*, vol 3, no. 3, pp. 300-307.
- Nyamdorj, R, Qiao, Q, Soederberg, S, Pitkaniemi, JM, Zimmet, P, Shaw, J, Alberti, G, Nan, H, Uusitalo, U, Pauvaday, V, Chitson, P, Tuomilehto, J **2008**. 'Comparison of body mass index with waist circumference, waist-to-hip ratio, and waist-to-stature ratio as a predictor of hypertension incidence in Mauritius', *Journal of Hypertension*, vol 26, pp. 866-870.
- Nyamdorj, R, Qiao, Q, Pitkaniemi, J, Gao, W, Lam, T, Tuomilehto, J, Ho, SY, Nakagami, T, Mohan, V, Janus, ED, Ferreira, SRG, Decoda Study Group **2008**. 'BMI compared with central obesity indicators in relation to diabetes and hypertension in Asians', *Obesity*, vol 16, no. 7, pp. 1622-1635.
- Näslindh-Ylispangar, A, Sihvonen, M, Kekki, P, Sarna, S **2008**. 'Health behaviour and health beliefs among Finnish middle-aged men', *Primary Health Care Research and Development*, vol 9, pp. 96-104.
- Oksanen, A, Veijola, L, Korudanova, B, Sipponen, P, Sarna, S, Rautelin, H **2008**. 'Role of earlier gastroscopy in predicting findings on repeat gastroscopy in a population with a low H-pylori prevalence', *Scandinavian Journal of Gastroenterology*, vol 43, no. 9, pp. 1044-1049.
- Pajala, S, Era, P, Koskenvuo, M, Kaprio, J, Törmäkangas, T, Rantanen, T **2008**. 'Force platform balance measures as predictors of indoor and outdoor falls in community-dwelling women aged 63-76 years', *Journals of Gerontology. Series A: Biological Sciences & Medical Sciences*, vol 63A, no. 2, pp. 171-178.
- Perälä, J, Saarni, S, Ostamo, A, Pirkola, S, Haukka, J, Härkänen, T, Koskinen, S, Lönnqvist, J, Suvisaari, J **2008**. 'Geographic variation and sociodemographic characteristics of psychotic disorders in Finland', *Schizophrenia Research*, vol 106, no. 2-3, pp. 337-347.
- Pesonen, E, Andsberg, E, Grubb, A, Rautelin, H, Meri, S, Persson, K, Puolakkainen, M, Sarna, S, Öhlin, H **2008**. 'Elevated infection parameters and infection symptoms predict an acute coronary event', *Therapeutic Advances in Cardiovascular Disease*, vol 2, no. 6, pp. 419-424.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Pointon, JJ, Chapman, K, Harvey, D, Sims, A, Bradbury, L, Laiho, K, Kauppi, M, Kaarela, K, Tuomilehto, J, Brown, MA, Wordsworth, BP **2008**, 'Toll-like receptor 4 and CD14 polymorphisms in ankylosing spondylitis: Evidence of a weak association in Finns', **Journal of Rheumatology**, vol 35, no. 8, pp. 1609-1612.
- Pöyhönen-Alho, M, Manhem, K, Katzman, P, Kibarskis, A, Antikainen, RL, Erkkola, RU, Tuomilehto, J, Ebeling, PE, Kaaja, R **2008**, 'Central sympatholytic therapy has anti-inflammatory properties in hypertensive postmenopausal women', **Journal of Hypertension**, vol 26, no. 12, pp. 2445-2449.
- Rintamäki, R, Grimaldi, S, Englund, A, Haukka, J, Partonen, T, Reunanen, A, Aromaa, A, Lönnqvist, J **2008**, 'Seasonal changes in mood and behavior are linked to metabolic syndrome', **PLoS One**, vol 3, no. 1, pp. e1482.
- Röine, I, Peltola, H, Fernandez, J, Zavala, I, Mata, AG, Ayala, SG, Arbo, A, Bologna, R, Mino, G, Goyo, J, Lopez, E, de Andrade, SD, Sarna, S **2008**, 'Influence of admission findings on death and neurological outcome from childhood bacterial meningitis', **Clinical Infectious Diseases**, vol 46, no. 8, pp. 1248-1252.
- Ronkainen, PHA, Pöllänen, E, Törmäkangas, T, Tiainen, K, Koskenvuo, M, Kaprio, J, Rantanen, T, Sipilä, S, Kovanen, V **2008**, 'Catechol-O-Methyltransferase Gene Polymorphism Is Associated with Skeletal Muscle Properties in Older Women Alone and Together with Physical Activity', **PLoS One**, vol 3, no. 3, pp. e1819.
- Rouhos, A, Kainu, A, Karjalainen, J, Lindqvist, A, Piirilä, P, Sarna, S, Haahtela, T, Sovijärvi, A **2008**, 'Atopic sensitization to common allergens without symptoms or signs of airway disorders does not increase exhaled nitric oxide', **Clinical Respiratory Journal**, vol 2, no. 3, pp. 141-148.
- Ruotsalainen, E, Karden-Liija, M, Kuusela, P, Vuopio-Varkila, J, Virolainen-Julkunen, A, Sarna, S, Valtonen, VV, Järvinen, A **2008**, 'Methicillin-sensitive Staphylococcus aureus bacteraemia and endocarditis among injection drug users and nonaddicts: host factors, microbiological and serological characteristics', **Journal of Infection**, vol 56, no. 4, pp. 249-256.
- Saaristo, TE, Barengo, NC, Korpi-Hyövähti, E, Oksa, H, Puolijoki, H, Saltevo, JT, Vanhala, M, Sundvall, J, Saarikoski, L, Peltonen, MK, Tuomilehto, J **2008**, 'High prevalence of obesity, central obesity and abnormal glucose tolerance in the middle-aged Finnish population', **BMC Public Health**, vol 8, no. 423.
- Sanna, S, Jackson, AU, Nagaraja, R, Willer, CJ, Chen, W, Bonnycastle, LL, Shen, H, Timpson, N, Lettre, G, Usala, G, Chines, PS, Stringham, HM, Scott, LJ, Dei, M, Lai, S, Albal, G, Crisponi, L, Naitza, S, Doheny, KF, Pugh, EW, Ben-Shlomo, Y, Ebrahim, S, Lawlor, DA, Bergman, RN, Watanabe, RM, Uda, M, Tuomilehto, J, Coresh, J, Hirschhorn, JN, Shuldiner, AR, Schlessinger, D, Collins, FS, Smith, GD, Boerwinkle, E, Cao, A, Boehnke, M, Abecasis, GR, Mohlke, KL **2008**, 'Common variants in the GDF5-UQCC region are associated with variation in human height', **Nature Genetics**, vol 40, no. 2, pp. 198-203.
- Schwarz, PEH, Lindström, J, Kissimova-Scarbeck, K, Szybinski, Z, Barengo, NC, Peltonen, M, Tuomilehto, J, DE PLAN Project **2008**, 'The European perspective of type 2 diabetes prevention: Diabetes in Europe - Prevention using lifestyle, physical activity and nutritional intervention (DE-PLAN) project', **Experimental and Clinical Endocrinology and Diabetes**, vol 116, pp. 167-172.
- Silventoinen, K, Hammar, N, Hedlund, E, Koskenvuo, M, Ronnema, T, Kaprio, J **2008**, 'Selective international migration by social position, health behaviour and personality', **European Journal of Public Health**, vol 18, no. 2, pp. 150-155.
- Silventoinen, K, Haukka, J, Dunkel, L, Tynelius, P, Rasmussen, F **2008**, 'Genetics of pubertal timing and its associations with relative weight in childhood and adult height: The Swedish young male twins study', **Pediatrics (English Edition)**, vol 121, no. 4, pp. e885-e891.
- Sipponen, A, Jokinen, JJ, Sipponen, P, Papp, A, Sarna, S, Lohi, J **2008**, 'Beneficial effect of resin salve in treatment of severe pressure ulcers: a prospective, randomized and controlled multicentre trial', **British Journal of Dermatology**, vol 158, no. 5, pp. 1055-1062.
- Sipponen, A, Jokinen, JJ, Sipponen, P, Papp, A, Sarna, S, Lohi, J **2008**, 'Beneficial effect of resin salve in treatment of severe pressure ulcers: a prospective, randomized and controlled multicentre trial', **British Journal of Dermatology**, vol 158, no. 5, pp. 1055-1062.
- Suvisaari, J, Häkkinen, L, Haukka, J, Lönnqvist, J **2008**, 'Mortality in offspring of mothers with psychotic disorder', **Psychological Medicine**, vol 38, no. 8, pp. 1203-1210.
- Tolppanen, A, Pulkkinen, L, Kuulasmaa, T, Kolehmainen, M, Schwab, U, Lindstrom, J, Tuomilehto, J, Uusitupa, M, Kuusisto, J **2008**, 'The genetic variation in the tenomodulin gene is associated with serum total and LDL cholesterol in a body size-dependent manner', **International Journal of Obesity**, vol 32, no. 12, pp. 1868-1872.
- Tuomilehto, J, Tykarski, A, Baumgart, P, Reimund, B, Le Breton, S, Ferber, P **2008**, 'Combination therapy with valsartan/hydrochlorothiazide at doses up to 320/25 mg improves blood pressure levels in patients with hypertension inadequately controlled by valsartan 320 mg monotherapy', **Blood pressure. Supplement**, vol 17, no. 1, pp. 15-23.
- Tuomilehto, H, Peltonen, MK, Partinen, M, Seppä, J, Saaristo, T, Korpi-Hyövähti, E, Oksa, H, Puolijoki, H, Saltevo, J, Vanhala, M, Tuomilehto, J **2008**, 'Sleep duration is associated with an increased risk for the prevalence of type 2 diabetes in middle-aged women - The FIN-D2D survey', **Sleep Medicine**, vol 9, no. 3, pp. 221-227.
- Tuomilehto, H, Peltonen, M, Partinen, M, Seppä, J, Saaristo, T, Korpi-Hyövähti, E, Oksa, H, Saltevo, J, Puolijoki, H, Vanhala, M, Tuomilehto, J **2008**, 'Sleep-disordered breathing is related to an increased risk for type 2 diabetes in middle-aged men, but not in women: the FIN-D2D survey', **Diabetes, obesity and metabolism**, vol 10, no. 6, pp. 468-475.
- Valtonen, HM, Suominen, K, Haukka, J, Mantere, O, Leppämäki, S, Arvilommi, P, Isometsa, ET **2008**, 'Differences in incidence of suicide attempts during phases of bipolar I and II disorders', **Bipolar Disorders**, vol 10, no. 5, pp. 588-596.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Valtonen, HM, Suominen, KH, Haukka, J, Mantere, O, Leppaemaeki, S, Arvilommi, P, Isometsä, ET **2008**, 'Differences in incidence of suicide attempts during phases of bipolar I and II disorders', **Bipolar Disorders**, vol 10, pp. 88-89.
- Viljanen, A, Kaprio, J, Pyykko, I, Sorri, M, Koskenvuo, M, Rantanen, T **2008**, 'HEARING AS A PREDICTOR OF WALKING DIFFICULTIES IN OLDER WOMEN', **Gerontologist**, vol 48, pp. 100-100.
- Virta, JJ, Karrasch, M, Kaprio, J, Koskenvuo, M, Rähä, I, Viljanen, T, Rinne, JO **2008**, 'Cerebral glucose metabolism in dizygotic twin pairs discordant for Alzheimer's disease', **Dementia and Geriatric Cognitive Disorders**, vol 25, no. 1, pp. 9-16.
- Virtanen, P, Vahtera, J, Broms, U, Sillanmäki, LH, Kivimäki, M, Koskenvuo, M **2008**, 'Employment trajectory as determinant of change in health-related lifestyle: the prospective HeSSup study', **European Journal of Public Health**, vol 18, no. 5, pp. 504-508.
- Vuorinen, HS **2008**, 'Ympäristöterveyden historiaa', **Ympäristö ja terveystieteet**, vol 39, no. 6, pp. 8-13.
- Väkevää, L, Reitamo, S, Pukkala, E, Sarna, S, Ranki, A **2008**, 'Long-term follow-up of cancer risk in patients treated with short-term cyclosporine', **Acta Dermato-Venereologica**, vol 88, no. 2, pp. 117-120.
- Väänänen, A, Buunk, AP, Kivimäki, M, Vahtera, J, Koskenvuo, M **2008**, 'Change in reciprocity as a predictor of depressive symptoms: A prospective cohort study of Finnish women and men', **Social Science & Medicine**, vol 67, no. 11, pp. 1907-1916.
- Willer, CJ, Sanna, S, Jackson, AU, Scuteri, A, Bonnycastle, LL, Clarke, R, Heath, SC, Timpson, NJ, Najjar, SS, Stringham, HM, Strait, J, Duren, WL, Maschio, A, Busonero, F, Mulas, A, Albai, G, Swift, AJ, Morken, MA, Narisu, N, Bennett, D, Parish, S, Shen, H, Galan, P, Meneton, P, Hercberg, S, Zelenika, D, Chen, W, Li, Y, Scott, LJ, Scheet, PA, Sundvall, J, Watanabe, RM, Nagaraja, R, Ebrahim, S, Lawlor, DA, Ben-Shlomo, Y, Davey-Smith, G, Shuldiner, AR, Collins, R, Bergman, RN, Uda, M, Tuomilehto, J, Cao, A, Collins, FS, Lakatta, E, Lathrop, GM, Boehnke, M, Schlessinger, D, Mohlke, KL, Abecasis, GR **2008**, 'Newly identified loci that influence lipid concentrations and risk of coronary artery disease', **Nature Genetics**, vol 40, no. 2, pp. 161-169.
- Xue, B, Pang, Z, Bao, G, Qiao, Q **2008**, '[Analysis on situation and risk factors of overweight and obesity of residents in Qingdao city]: [Chinese]', **Zhongguo gonggong weisheng**, vol 24, no. 5, pp. 585-586.
- Yusuf, S, Teo, K, Anderson, C, Pogue, J, Dyal, L, Copland, I, Schumacher, H, Dagenais, G, Sleight, P, Metsärinne, K, Antikainen, R, Jääskivi, M, Kantola, I, Kastarinen, M, Kohonen-Jalonen, P, Koistinen, A, Lehmus, E, Nuutila, R, Tuomilehto, J, Tuominen, M, Telmisartan Randomised Assessment Study in ACE Intolerant subjects with cardiovascular Disease (TRANSCEND) Investigators **2008**, 'Effects of the angiotensin-receptor blocker telmisartan on cardiovascular events in high-risk patients intolerant to angiotensin-converting enzyme inhibitors: a randomised controlled trial', **Lancet**, vol 372, no. 9644, pp. 1174-1183.
- Zeggini, E, Scott, LJ, Saxena, R, Voight, BF, Marchini, JL, Hu, T, de Bakker, PIW, Abecasis, GR, Almgren, P, Andersen, G, Ardlie, K, Bostrom, KB, Bergman, RN, Bonnycastle, LL, Borch-Johnsen, K, Burt, NP, Chen, H, Chines, PS, Daly, MJ, Deodhar, P, Ding, C, Doney, ASF, Duren, WL, Elliott, KS, Erdos, MR, Frayling, TM, Freathy, RM, Gianniny, L, Grallert, H, Grarup, N, Groves, CJ, Guiducci, C, Hansen, T, Herder, C, Hitman, GA, Hughes, TE, Isomaa, B, Jackson, AU, Jorgensen, T, Kong, A, Kubalanza, K, Kuruvilla, FG, Kuusisto, J, Langenberg, C, Lango, H, Lauritzen, T, Li, Y, Lindgren, CM, Lyssenko, V, Marville, AF, Meisinger, C, Midtjell, K, Mohlke, KL, Morken, MA, Morris, AD, Narisu, N, Nilsson, P, Owen, KR, Palmer, CNA, Payne, F, Perry, JRB, Pettersen, E, Platou, C, Prokopenko, I, Qi, L, Qin, L, Rayner, NW, Rees, M, Roix, JJ, Sandbaek, A, Shields, B, Sjogren, M, Steinthorsdottir, V, Stringham, HM, Swift, AJ, Thorleifsson, G, Thorsteinsdottir, U, Timpson, NJ, Tuomi, T, Tuomilehto, J, Walker, M, Watanabe, RM, Weedon, MN, Willer, CJ, Willig, T, Hveem, K, Hu, FB, Laakso, M, Stefansson, K, Pedersen, O, Wareham, NJ, Barroso, I, Hattersley, AT, Collins, FS, Groop, L, McCarthy, MI, Boehnke, M, Altshuler, D, Wellcome Trust Case Control Consortium, DIAGRAM Consortium **2008**, 'Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes', **Nature Genetics**, vol 40, no. 5, pp. 638-645.
- Zhang, L, Qiao, Q, Tuomilehto, J, Hammar, N, Ruotolo, G, Stehouwer, CDA, Heine, RJ, Eliasson, M, Zethelius, B **2008**, 'The association of dyslipidaemia with cardiovascular mortality in individuals without a prior history of diabetes in the DECODE Study', **Diabetologia**, vol 51, pp. 173-173.
- Zhang, L, Qiao, Q, Tuomilehto, J, Hammar, N, Alberti, KGMM, Eliasson, M, Heine, RJ, Stehouwer, CDA, Ruotolo, G, DECODE Study Grp **2008**, 'Blood lipid levels in relation to glucose status in European men and women without a prior history of diabetes: The DECODE Study', **Diabetes Research and Clinical Practice**, vol 82, no. 3, pp. 364-377.
- van Erp, TGM, Therman, S, Pirkola, T, Tuulio-Henriksson, A, Glahn, DC, Bachman, P, Huttunen, MO, Lönnqvist, J, Hietanen, M, Kaprio, J, Koskenvuo, M, Cannon, TD **2008**, 'Verbal recall and recognition in twins discordant for schizophrenia', **Psychiatry Research**, vol 159, no. 3, pp. 271-280.
- 2009**
- Akkanen, M, Kivelä, S, Koistinen, V, Sintonen, H, Tuomilehto, J **2009**, 'Inpatient care of patients with type 1 diabetes mellitus by duration of diabetes and sex: a nationwide population-based longitudinal study', **Risk Management and Healthcare Policy**, no. 2, pp. 55-64.
- Autier, P, Hery, C, Haukka, J, Boniol, M, Byrnes, G **2009**, 'Advanced breast cancer and breast cancer mortality in randomized controlled trials on mammography screening', **Journal of Clinical Oncology**, vol 27, no. 35, pp. 5919-5923.
- Babaei, M, Jaafarzadeh, H, Sadjadi, AR, Samadi, F, Yazdanbod, A, Fallah, M, Aghlmandi, S, Ramezani, R, Haukka, J, Hekmat, SH, Didevar, R, Shokoohi, B, Malekzadeh, R **2009**, 'Cancer Incidence and Mortality in Ardabil: Report of an Ongoing Population-Based Cancer Registry in Iran, 2004-2006', **Iranian Journal of Public Health**, vol 38, pp. 35-45.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Barengo, NC, Hu, G, Kastarinen, M, Antikainen, R, Tuomilehto, J **2009**, 'The effects of awareness, treatment and control of hypertension on future stroke incidence in a community-based population study in Finland', **Journal of Hypertension**, vol 27, no. 7, pp. 1459-1465.
- Barengo, NC, Kastarinen, M, Antikainen, R, Nissinen, A, Tuomilehto, J **2009**, 'The effects of awareness, treatment and control of hypertension on cardiovascular and all-cause mortality in a community-based population', **Journal of Human Hypertension**, vol 23, no. 12, pp. 808-816.
- Barengo, NC, Tuomilehto, JO **2009**, 'Changes in all-cause and CVD mortality in three Finnish middle-aged population cohorts with and without diabetes during a 10-year follow-up', **Diabetologia**, vol 52, pp. 128-129.
- Bäckmand, HM, Kaprio, J, Kujala, UM, Sarna, S **2009**, 'Physical activity, mood and the functioning of daily living - A longitudinal study among former elite athletes and referents in middle and old age', **Archives of Gerontology and Geriatrics**, vol 48, no. 1, pp. 1-9.
- Ekroos, H, Rouhos, A, Pallasaho, P, Karjalainen, J, Sarna, S, Sovijärvi, ARA **2009**, 'Equally elevated concentrations of exhaled nitric oxide in nonatopic and low-sensitized atopic asthmatics', **Respiratory Medicine**, vol 103, no. 1, pp. 152-158.
- Eskelinen, MH, Ngandu, T, Tuomilehto, J, Soininen, H, Kivipelto, M **2009**, 'Midlife coffee and tea drinking and the risk of late-life dementia: a population-based CAIDE study', **Journal of Alzheimer's Disease**, vol 16, no. 1, pp. 85-91.
- Feodoroff, FBL, Lauhio, AR, Sarna, SJ, Hänninen, M-, Rautelin, HIK **2009**, 'Severe diarrhoea caused by highly ciprofloxacin-susceptible *Campylobacter* isolates', **Clinical Microbiology and Infection**, vol 15, no. 2, pp. 188-192.
- Gao, W, Dong, Y, Pang, ZC, Nan, H, Zhang, L, Wang, SJ, Ren, J, Ning, F, Qiao, Q, Qingdao 2006 Diabetes Survey Group **2009**, 'Increasing trend in the prevalence of Type 2 diabetes and pre-diabetes in the Chinese rural and urban population in Qingdao, China', **Diabetic Medicine**, vol 26, no. 12, pp. 1220-1227.
- Gao, WG, Qiao, Q, Pitkaniemi, J, Wild, S, Magliano, D, Shaw, J, Söderberg, S, Zimmet, P, Chitson, P, Knowlessur, S, Alberti, G, Tuomilehto, J **2009**, 'Risk prediction models for the development of diabetes in Mauritian Indians', **Diabetic Medicine**, vol 26, no. 10, pp. 996-1002.
- Grimaldi, S, Partonen, T, Haukka, J, Aromaa, A, Lonnqvist, J **2009**, 'Seasonal vegetative and affective symptoms in the Finnish general population: Testing the dual vulnerability and latitude effect hypotheses', **Nordic Journal of Psychiatry**, vol 63, pp. 397-404.
- Hammar, N, Hakala, P, Jorgensen, L, Becker, W, Hedlund, E, Ronnema, T, Koskenvuo, M, Kaprio, J **2009**, 'Migration and differences in dietary habits-a cross sectional study of Finnish twins in Sweden', **European Journal of Clinical Nutrition**, vol 63, no. 3, pp. 312-322.
- Hakonmaki, K, Martikainen, P, Lahelma, E, Pitkaniemi, J, Halmeenmaki, T, Silventoinen, K, Rahkonen, O **2009**, 'Intentions to retire, life dissatisfaction and the subsequent risk of disability retirement', **Scandinavian Journal of Public Health**, vol 37, no. 3, pp. 252-259.
- Haukka, J, Arffman, M, Partonen, T, Sihvo, S, Elovainio, M, Tiihonen, J, Lonnqvist, J, Keskimäki, I **2009**, 'Antidepressant use and mortality in Finland: a register-linkage study from a nationwide cohort', **European Journal of Clinical Pharmacology**, vol 65, no. 7, pp. 715-720.
- He, B, Osterholm, A, Hoverfalt, A, Forsblom, C, Hjorleifsdottir, EE, Nilsson, A, Parkkonen, M, Pitkaniemi, J, Hreidarsson, A, Sarti, C, McKnight, AJ, Maxwell, AP, Tuomilehto, J, Groop, P, Tryggvason, K **2009**, 'Association of genetic variants at 3q22 with nephropathy in patients with type 1 diabetes mellitus', **American Journal of Human Genetics**, vol 84, no. 4, pp. 5-13.
- Heikkinen, M, Broms, U, Pitkaniemi, J, Koskenvuo, M, Meurman, J **2009**, 'Key Factors in Smoking Cessation Intervention Among 15-16-Year-Olds', **Journal of Behavioral Medicine**, vol 35, no. 3, pp. 93-99.
- Herder, C, Peltonen, M, Koenig, W, Sufels, K, Lindström, J, Martin, S, Ilanne-Parikka, P, Eriksson, JG, Aunola, S, Keinänen-Kiukaanniemi, S, Valle, TT, Uusitupa, M, Kolb, H, Tuomilehto, J, Finnish Diabetes Prevention Study Group **2009**, 'Anti-inflammatory effect of lifestyle changes in the Finnish Diabetes Prevention Study', **Diabetologia**, vol 52, no. 3, pp. 433-442.
- Hong, Z, Moessler, H, Bornstein, N, Brainin, M, Heiss, W, Tuomilehto, J, Davis, S, Leys, D, Rahlfs, VW, CASTA-Investigators **2009**, 'A double-blind, placebo-controlled, randomized trial to evaluate the safety and efficacy of Cerebrolysin in patients with Acute ischaemic Stroke in Asia: CASTA', **International Journal of Stroke**, vol 4, no. 5, pp. 406-412.
- Hu, G, Jousilahti, P, Tuomilehto, J, Antikainen, R, Sundvall, J, Salomaa, V **2009**, 'Association of Serum C-Reactive Protein Level with Sex-Specific Type 2 Diabetes Risk: A Prospective Finnish Study', **Journal of Clinical Endocrinology and Metabolism**, vol 94, no. 6, pp. 2099-2105.
- Hukkinen, M, Korhonen, T, Broms, UH, Koskenvuo, M, Kaprio, J **2009**, 'Long-Term Smoking Behavior Patterns Predicting Self-Reported Chronic Bronchitis', **COPD: Journal of chronic obstructive pulmonary disease.**, vol 6, no. 4, pp. 242-249.
- Hukkinen, M, Kaprio, J, Broms, U, Koskenvuo, M, Korhonen, T **2009**, 'Characteristics and consistency of light smoking: Long-term follow-up among Finnish adults', **Nicotine & Tobacco Research**, vol 11, no. 7, pp. 797-805.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Huth, C, Illig, T, Herder, C, Gieger, C, Grallert, H, Vollmert, C, Rathmann, W, Hamid, YH, Pedersen, O, Hansen, T, Thorand, B, Meisinger, C, Döring, A, Klopp, N, Gohlke, H, Lieb, W, Hengstenberg, C, Lyssenko, V, Groop, L, Ireland, H, Stephens, JW, Wernstedt Asterholm, I, Jansson, J, Boeing, H, Möhlig, M, Stringham, HM, Boehnke, M, Tuomilehto, J, Fernandez-Real, J, Lopez-Bermejo, A, Gallart, L, Vendrell, J, Humphries, SE, Kronenberg, F, Wichmann, H, Heid, IM **2009**, 'Joint analysis of individual participants' data from 17 studies on the association of the IL6 variant -174G>C with circulating glucose levels, interleukin-6 levels, and body mass index', **Annals of Medicine**, vol 41, no. 2, pp. 128-138.
- Hyvärinen, M, Qiao, Q, Tuomilehto, J, Laatikainen, T, Heine, RJ, Stehouwer, CDA, Alberti, KGMM, Pyörälä, K, Zethelius, B, Stegmayr, B, DECODE Study Grp **2009**, 'Hyperglycemia and Stroke Mortality: Comparison between fasting and 2-h glucose criteria', **Diabetes Care**, vol 32, no. 2, pp. 348-354.
- Hyvärinen, M, Tuomilehto, J, Mähönen, M, Stehouwer, CDA, Pyörälä, K, Zethelius, B, Qiao, Q, DECODE Study Grp **2009**, 'Hyperglycemia and Incidence of Ischemic and Hemorrhagic Stroke-Comparison Between Fasting and 2-Hour Glucose Criteria', **Stroke**, vol 40, no. 5, pp. 1633-1637.
- Hyvärinen, M, Tuomilehto, J, Laatikainen, T, Söderberg, S, Eliasson, M, Nilsson, P, Qiao, Q **2009**, 'The impact of diabetes on coronary heart disease differs from that on ischaemic stroke with regard to the gender', **Cardiovascular Diabetology**, vol 8, no. 17.
- Jartti, L, Ronnema, T, Raitakari, OT, Hedlund, E, Hammar, N, Lassila, R, Marniemi, J, Koskenvuo, M, Kaprio, J **2009**, 'Migration at early age from a high to a lower coronary heart disease risk country lowers the risk of subclinical atherosclerosis in middle-aged men', **Journal of Internal Medicine**, vol 265, no. 3, pp. 345-358.
- Kainu, A, Lindqvist, A, Sarna, S, Lundback, B, Sovijärvi, A **2009**, 'Responses of FEV6, FVC, and FET to inhaled bronchodilator in the adult general population', **Respiratory Research**, vol 10, pp. 71.
- Kastarinen, M, Antikainen, R, Peltonen, M, Laatikainen, T, Barengo, NC, Jula, A, Salomaa, V, Jousilahti, P, Nissinen, A, Vartiainen, E, Tuomilehto, J **2009**, 'Prevalence, awareness and treatment of hypertension in Finland during 1982-2007', **Journal of Hypertension**, vol 27, pp. 1552-1559.
- Kerola, M, Vuolteenaho, K, Kosonen, O, Kankaanranta, H, Sarna, S, Moilanen, E **2009**, 'Effects of Nimesulide, Acetylsalicylic Acid, Ibuprofen and Nabumetone on Cyclooxygenase-1-and Cyclooxygenase-2-Mediated Prostanoid Production in Healthy Volunteers ex vivo', **Basic & Clinical Pharmacology & Toxicology**, vol 104, no. 1, pp. 17-21.
- Keskitalo, K, Broms, UH, Heliövaara, M, Ripatti, SO, Surakka, IL, Perola, M, Pitkäniemi, JM, Peltonen, L, Aromaa, A, Kaprio, J **2009**, 'Association of serum cotinine level with a cluster of three nicotinic acetylcholine receptor genes (CHRNA3/CHRNA5/CHRNA4) on chromosome 15', **Human Molecular Genetics**, vol 18, no. 20, pp. 4007-4012.
- Korhonen, T, Broms, U, Levalahti, E, Koskenvuo, M, Kaprio, J **2009**, 'Characteristics and health consequences of intermittent smoking: Long-term follow-up among Finnish adult twins', **Nicotine & Tobacco Research**, vol 11, no. 2, pp. 148-155.
- Kulmala, J, Viljanen, A, Sipilä, S, Pajala, S, Pärssinen, O, Kauppinen, M, Koskenvuo, M, Kaprio, J, Rantanen, T **2009**, 'Poor vision accompanied with other sensory impairments as a predictor of falls in older women', **Age and Ageing**, vol 38, no. 2, pp. 162-167.
- Laitala, VS, Kaprio, J, Koskenvuo, M, Riihämä, I, Rinne, JO, Silventoinen, K **2009**, 'Coffee drinking in middle age is not associated with cognitive performance in old age', **American Journal of Clinical Nutrition**, vol 90, no. 3, pp. 640-646.
- Lammi, N, Blomstedt, PA, Moltchanova, E, Eriksson, JG, Tuomilehto, J, Karvonen, M **2009**, 'Perinatal risk factors in young adult-onset type 1 and type 2 diabetes - a population-based case-control study', **Acta Obstetrica et Gynecologica Scandinavica**, vol 88, no. 4, pp. 468-474.
- Lammi, N, Blomstedt, PA, Moltchanova, E, Eriksson, JG, Tuomilehto, J, Karvonen, M **2009**, 'Perinatal risk factors in young adult-onset type 1 and type 2 diabetes: a population-based case-control study', **Acta Obstetrica et Gynecologica Scandinavica**, vol 88, no. 4, pp. 468-474.
- Lammi, N, Moltchanova, E, Blomstedt, PA, Tuomilehto, J, Eriksson, JG, Karvonen, M **2009**, 'Childhood BMI trajectories and the risk of developing young adult-onset diabetes', **Diabetologia**, vol 52, pp. 408-414.
- Lappalainen, TJ, Tolppanen, A, Kolehmainen, M, Schwab, U, Lindström, J, Tuomilehto, J, Pulkkinen, L, Eriksson, JG, Laakso, M, Gylling, H, Uusitupa, M, Finnish Diabet Prevention Study Gr **2009**, 'The Common Variant in the FTO Gene did not Modify the Effect of Lifestyle Changes on Body Weight: The Finnish Diabetes Prevention Study', **Obesity**, vol 17, no. 4, pp. 832-836.



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

#### PURE/Tuomilehto

- Lindgren, CM, Heid, IM, Randall, JC, Lamina, C, Steinhorsdottir, V, Qi, L, Speliotes, EK, Thorleifsson, G, Willer, CJ, Herrera, BM, Jackson, AU, Lim, N, Scheet, P, Soranzo, N, Amin, N, Aulchenko, YS, Chambers, JC, Drong, A, Luan, J, Lyon, HN, Rivadeneira, F, Sanna, S, Timpson, NJ, Zillikens, MC, Zhao, JH, Almgren, P, Bandinelli, S, Bennett, AJ, Bergman, RN, Bonnycastle, LL, Bumpstead, SJ, Chanock, SJ, Cherkas, L, Chines, P, Coin, L, Cooper, C, Crawford, G, Doering, A, Dominiczak, A, Doney, ASF, Ebrahim, S, Elliott, P, Erdos, MR, Estrada, K, Ferrucci, L, Fischer, G, Forouhi, NG, Gieger, C, Grallert, H, Groves, CJ, Grundy, S, Guiducci, C, Hadley, D, Hamsten, A, Havulinna, AS, Hofman, A, Holle, R, Holloway, JW, Illig, T, Isomaa, B, Jacobs, LC, Jameson, K, Jousilahti, P, Karpe, F, Kuusisto, J, Laitinen, J, Lathrop, GM, Lawlor, DA, Mangino, M, McArdle, WL, Meitinger, T, Morken, MA, Morris, AP, Munroe, P, Narisu, N, Nordstrom, A, Nordstroem, P, Oostra, BA, Palmer, CNA, Payne, F, Peden, JF, Prokopenko, I, Renstroem, F, Ruokonen, A, Salomaa, V, Sandhu, MS, Scott, LJ, Scuteri, A, Silander, K, Song, K, Yuan, X, Stringham, HM, Swift, AJ, Tuomi, T, Uda, M, Vollenweider, P, Waeber, G, Wallace, C, Walters, GB, Weedon, MN, Witteman, JCM, Zhang, C, Zhang, W, Caulfield, MJ, Collins, FS, Smith, GD, Day, INM, Franks, PW, Hattersley, AT, Hu, FB, Jarvelin, M, Kong, A, Koener, JS, Laakso, M, Lakatta, E, Mooser, V, Morris, AD, Peltonen, L, Samani, NJ, Spector, TD, Strachan, DP, Tanaka, T, Tuomilehto, J, Uitterlinden, AG, van Duijn, CM, Wareham, NJ, Watkins, H, Waterworth, DM, Boehnke, M, Deloukas, P, Groop, L, Hunter, DJ, Thorsteinsdottir, U, Schlessinger, D, Wichmann, H, Frayling, TM, Abecasis, GR, Hirschhorn, JN, Loos, RJF, Stefansson, K, Mohlke, KL, Barroso, IS, McCarthy, MI, Wellcome Trust Case Control Consor. GIANT Consortium, PROCARDIS Consortia **2009**, 'Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution', **PLoS Genetics**, vol 5, no. 6, pp. -.
- Lysenko, V, Nagorny, CLF, Erdos, MR, Wierup, N, Jonsson, A, Spegel, P, Bugliani, M, Saxena, R, Fex, M, Pulizzi, N, Isomaa, B, Tuomi, T, Nilsson, P, Kuusisto, J, Tuomilehto, J, Boehnke, M, Altshuler, D, Sundler, F, Eriksson, JG, Jackson, AU, Laakso, M, Marchetti, P, Watanabe, RM, Mulder, H, Groop, L **2009**, 'Common variant in MTNR1B associated with increased risk of type 2 diabetes and impaired early insulin secretion', **Nature Genetics**, vol 41, no. 1, pp. 82-88.
- Lönnqvist, J, Verkasalo, M, Haukka, J, Nyman, K, Tiihonen, J, Laaksonen, I, Leskinen, J, Lönnqvist, J, Henriksson, M **2009**, 'Premorbid personality factors in schizophrenia and bipolar disorder: results from a large cohort study of male conscripts', **Journal of Abnormal Psychology**, vol 118, no. 2, pp. 418-423.
- Mannerkoski, M, Åberg, L, Hoikkala, M, Sarna, S, Kaski, M, Autti, T, Heiskala, H **2009**, 'Childhood growth and development associated with need for full-time special education at school age', **European journal of paediatric neurology**, vol 13, no. 1, pp. 18-27.
- Mannerkoski, M, Heiskala, H, Raininko, R, Aberg, L, Sarna, S, Wirtavuori, K, Autti, T **2009**, 'Brain magnetic resonance imaging of siblings from families with two or more children with learning or intellectual disabilities and need for full-time special education', **Acta Radiologica**, vol 50, no. 4, pp. 437-445.
- Markkula, R, Järvinen, P, Leino-Arjas, P, Koskenvuo, M, Kalso, E, Kaprio, J **2009**, 'Clustering of symptoms associated with fibromyalgia in a Finnish Twin Cohort', **European journal of pain**, vol 13, no. 7, pp. 744-750.
- Mikkola, TM, Sipilä, S, Rantanen, T, Sievänen, H, Suominen, H, Tiainen, K, Kaprio, J, Koskenvuo, M, Kauppinen, M, Heinonen, A **2009**, 'Muscle Cross-Sectional Area and Structural Bone Strength Share Genetic and Environmental Effects in Older Women', **Journal of Bone and Mineral Research**, vol 24, no. 2, pp. 338-345.
- Miller, BJ, Pihlajamaa, J, Henriksson, M, Hannele, H, Huttunen, M, Tanskanen, A, Cannon, M, Haukka, J, Suvisaari, J, Kirkpatrick, B **2009**, 'PATERNAL AGE IS ASSOCIATED WITH INCREASED MORTALITY RISK IN PSYCHOTIC DISORDERS', **Schizophrenia bulletin**, vol 35, pp. 69-69.
- Newton-Cheh, C, Johnson, T, Gateva, V, Tobin, MD, Bochud, M, Coin, L, Najjar, SS, Zhao, JH, Heath, SC, Eyheramendy, S, Papadakis, K, Voight, BF, Scott, LJ, Zhang, F, Farrall, M, Tanaka, T, Wallace, C, Chambers, JC, Khaw, K, Nilsson, P, van der Harst, P, Polidoro, S, Grobbee, DE, Onland-Moret, NC, Bots, ML, Wain, LV, Elliott, KS, Teumer, A, Luan, J, Lucas, G, Kuusisto, J, Burton, PR, Hadley, D, McArdle, WL, Brown, M, Dominiczak, A, Newhouse, SJ, Samani, NJ, Webster, J, Zeggini, E, Beckmann, JS, Bergmann, S, Lim, N, Song, K, Vollenweider, P, Waeber, G, Waterworth, DM, Yuan, X, Groop, L, Orho-Melander, M, Allione, A, Di Gregorio, A, Gurrera, S, Panico, S, Ricceri, F, Romanazzi, V, Sacerdote, C, Vineis, P, Barroso, I, Sandhu, MS, Luben, RN, Crawford, GJ, Jousilahti, PJ, Perola, M, Boehnke, M, Bonnycastle, LL, Collins, FS, Jackson, AU, Mohlke, KL, Stringham, HM, Valle, TT, Willer, CJ, Bergman, RN, Morken, MA, Doering, A, Gieger, C, Illig, T, Meitinger, T, Org, E, Pfeufer, A, Wichmann, HE, Kathiresan, S, Marrugat, J, O'Donnell, CJ, Schwartz, SM, Siscovick, DS, Subirana, I, Freimer, NB, Hartikainen, A, McCarthy, MI, O'Reilly, PF, Palotie, L, Pouta, A, de Jong, PE, Siederer, H, van Gilst, WH, Clarke, R, Goel, A, Hamsten, A, Peden, JF, Seedorf, U, Syvanen, A, Tognoni, G, Lakatta, EG, Sanna, S, Scheet, P, Schlessinger, D, Scuteri, A, Doerr, M, Ernst, F, Felix, SB, Homuth, G, Lorbeer, R, Reffelmann, T, Rettig, R, Voelker, U, Galan, P, Gut, IG, Hercberg, S, Lathrop, GM, Zelenika, D, Deloukas, P, Soranzo, N, Williams, FM, Zhai, G, Salomaa, V, Laakso, M, Elosua, R, Forouhi, NG, Volzke, H, Uitterwaal, CS, van der Schouw, YT, Numans, ME, Matullo, G, Navis, G, Berglund, G, Bingham, SA, Koener, JS, Connell, JM, Bandinelli, S, Ferrucci, L, Watkins, H, Spector, TD, Tuomilehto, J, Altshuler, D, Strachan, DP, Laan, M, Meneton, P, Wareham, NJ, Uda, M, Jarvelin, M, Mooser, V, Melander, O, Loos, RJF, Elliott, P, Abecasis, GR, Caulfield, M, Munroe, PB, Wellcome Trust Case Control Consor **2009**, 'Genome-wide association study identifies eight loci associated with blood pressure', **Nature Genetics**, vol 41, no. 6, pp. 666-676.
- Ning, F, Pang, ZC, Dong, YH, Gao, WG, Nan, HR, Wang, SJ, Zhang, L, Ren, J, Tuomilehto, J, Hammar, N, Malmberg, K, Andersson, SW, Qiao, Q, Qingdao Diabet Survey Grp **2009**, 'Risk factors associated with the dramatic increase in the prevalence of diabetes in the adult Chinese population in Qingdao, China', **Diabetic Medicine**, vol 26, no. 9, pp. 855-863.
- Nyamdorj, R, Qiao, Q, Soderberg, S, Pitkanemi, JM, Zimmet, PZ, Shaw, JE, Alberti, KGMM, Pauvaday, VK, Chitson, P, Kowlessur, S, Tuomilehto, J **2009**, 'BMI compared with central obesity indicators as a predictor of diabetes incidence in Mauritius', **Obesity**, vol 17, no. 2, pp. 342-348.
- Paljärvi, T, Koskenvuo, M, Poikolainen, K, Kauhanen, J, Sillanmäki, L, Mäkelä, P **2009**, 'Binge drinking and depressive symptoms: a 5-year population-based cohort study', **Addiction**, vol 104, no. 7, pp. 1168-1178.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Paljärvi, T, Suominen, S, Koskenvuo, M, Winter, T, Kauhanen, J 2009, 'The differences in drinking patterns between Finnish-speaking majority and Swedish-speaking minority in Finland', **European Journal of Public Health**, vol 19, no. 3, pp. 278-284.
- Paunio, T, Korhonen, T, Hublin, C, Partinen, M, Kivimäki, M, Koskenvuo, M, Kaprio, J 2009, 'Longitudinal study on poor sleep and life dissatisfaction in a nationwide cohort of twins', **American Journal of Epidemiology**, vol 169, no. 2, pp. 206-213.
- Pelkonen, AS, Malmstrom, K, Malmberg, LP, Sarna, S, Turpeinen, M, Kajosaari, M, Haahtela, T, Mäkelä, MJ 2009, 'Budesonide improves decreased airway conductance in infants with respiratory symptoms', **Archives of Disease in Childhood**, vol 94, no. 7, pp. 536-541.
- Pesonen, E, El-Segaier, M, Persson, K, Puolakkainen, M, Sarna, S, Öhlin, H, Pussinen, P 2009, 'Infections as a stimulus for coronary occlusion, obstruction, or acute coronary syndromes', **Therapeutic Advances in Cardiovascular Disease**, vol 3, no. 6, pp. 447-454.
- Pesonen, E, Hallman, M, Sarna, S, Andsberg, E, Haataja, R, Meri, S, Persson, K, Puolakkainen, M, Öhlin, H, Truedsson, L 2009, 'Mannose-binding lectin as a risk factor for acute coronary syndromes', **Annals of Medicine**, vol 41, no. 8, pp. 591-598.
- Pesonen, E, Tiirola, T, Andsberg, E, Jauhiainen, M, Paldanius, M, Persson, K, Saikku, P, Sarna, S, Öhlin, H, Leinonen, M 2009, 'Serum chlamydial lipopolysaccharide as a prognostic factor for a new cardiovascular event', **Heart & Lung**, vol 38, no. 3, pp. 176-181.
- Pitkaniemi, J, Varvio, S, Corander, J, Lehti, N, Partanen, J, Tuomilehto-Wolf, E, Tuomilehto, J, Thomas, A, Arjas, E 2009, 'Full Likelihood Analysis of Genetic Risk with Variable Age at Onset Disease-Combining Population-Based Registry Data and Demographic Information', **PLoS One**, vol 4, no. 8, pp. e6836.
- Qiao, Q, Nyamadorj, R, Zhang, L 2009, 'Metabolic syndrome and incidence of stroke', **The Open General & Internal Medicine Journal**, vol 3, no. 3, pp. 25-30.
- Qiao, Q, Laatikainen, T, Zethelius, B, Stegmayr, B, Eliasson, M, Jousilahti, P, Tuomilehto, J 2009, 'Comparison of Definitions of Metabolic Syndrome in Relation to the Risk of Developing Stroke and Coronary Heart Disease in Finnish and Swedish Cohorts', **Stroke**, vol 40, no. 2, pp. 337-343.
- Salmela-Aro, K, Read, S, Nurmi, J, Koskenvuo, M, Kaprio, J, Rantanen, T 2009, 'Personal goals of older female twins: genetic and environmental effects', **European Psychologist**, vol 14, no. 2, pp. 160-167.
- Salopuro, T, Pulkkinen, L, Lindström, J, Kolehmainen, M, Tolppanen, A, Eriksson, JG, Valle, TT, Aunola, S, Ilanne-Parikka, P, Keinänen-Kiukkaanniemi, S, Tuomilehto, J, Laakso, M, Uusitupa, M 2009, 'Variation in the UCP2 and UCP3 genes associates with abdominal obesity and serum lipids: the Finnish Diabetes Prevention Study', **BMC Medical Genetics**, vol 10, no. 94.
- Schwarz, PEH, Li, J, Reimann, M, Schutte, AE, Bergmann, A, Hanefeld, M, Bornstein, SR, Schulze, J, Tuomilehto, J, Lindström, J 2009, 'The Finnish Diabetes Risk Score Is Associated with Insulin Resistance and Progression towards Type 2 Diabetes', **Journal of Clinical Endocrinology and Metabolism**, vol 94, no. 3, pp. 920-926.
- Schwarz, PEH, Li, J, Lindström, J, Tuomilehto, J 2009, 'Tools for predicting the risk of type 2 diabetes in daily practice', **Hormone and Metabolic Research**, vol 41, no. 2, pp. 86-97.
- Sipilä, K, Moilanen, L, Nieminen, T, Reunanen, A, Jula, A, Salomaa, V, Kaaja, R, Kukkonen-Harjula, K, Lehtimäki, T, Kesäniemi, YA, Koivisto, T, Nieminen, MS, Tuomilehto, J, Kähönen, M 2009, 'Metabolic syndrome and carotid intima media thickness in the Health 2000 Survey', **Atherosclerosis**, vol 204, no. 1, pp. 276-281.
- Sistonen, S, Helenius, I, Peltonen, J, Sarna, S, Rintala, R, Pakarinen, M 2009, 'Natural history of spinal anomalies and scoliosis associated with esophageal atresia', **Pediatrics (English Edition)**, vol 124, no. 6, pp. e1198-e1204.
- Solomon, AS, Käreholt, I, Ngandu, T, Wolozin, B, MacDonald, SWS, Winblad, B, Nissinen, A, Tuomilehto, J, Soininen, H, Kivipelto, M 2009, 'Serum total cholesterol, statins and cognition in non-demented elderly', **Neurobiology of Aging**, vol 30, no. 6, pp. 1006-1009.
- Sovio, U, Bennett, AJ, Millwood, IY, Molitor, J, O'Reilly, PF, Timpson, NJ, Kaakinen, M, Laitinen, J, Haukka, J, Pillas, D, Tzoulaki, I, Molitor, J, Hoggart, C, Coin, LJM, Whittaker, J, Pouta, A, Hartikainen, A, Freimer, NB, Widen, E, Palotie, L, Elliott, P, McCarthy, MI, Jarvelin, M 2009, 'Genetic determinants of height growth assessed longitudinally from infancy to adulthood in the northern Finland birth cohort 1966', **PLoS Genetics**, vol 5, no. 3, pp. -.
- Sumanen, MPT, Koskenvuo, MJ, Sillanmäki, LH, Mattila, KJ 2009, 'Peptic ulcer and childhood adversities experienced by working-aged people', **World Journal of Gastroenterology**, vol 15, no. 27, pp. 3405-3410.
- Suominen, K, Haukka, J, Valtonen, H, Lönnqvist, J 2009, 'Outcome of patients with major depressive disorder after serious suicide attempt', **Journal of Clinical Psychiatry**, vol 79, no. 10, pp. 1372-1378.
- Söderberg, KC, Kaprio, J, Verkasalo, PK, Pukkala, E, Koskenvuo, M, Lundqvist, E, Feychting, M 2009, 'Overweight, obesity and risk of haematological malignancies: a cohort study of Swedish and Finnish twins', **European Journal of Cancer**, vol 45, no. 7, pp. 1232-1238.
- Tiainen, SM, Parikka, H, Mäkijärvi, M, Takkunen, OS, Sarna, S, Roine, RO 2009, 'Arrhythmias and heart rate variability during and after therapeutic hypothermia for cardiac arrest', **Critical Care Medicine**, vol 37, no. 2, pp. 403-409.
- Tian, H, Song, G, Xie, H, Zhang, H, Tuomilehto, J, Hu, G 2009, 'Prevalence of diabetes and impaired fasting glucose among 769 792 rural Chinese adults', **Diabetes Research and Clinical Practice**, vol 84, no. 3, pp. 273-278.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Tiihonen, J, Lönnqvist, J, Wahlbeck, K, Klaukka, T, Niskanen, L, Tanskanen, A, Haukka, J 2009, '11-year follow-up of mortality in patients with schizophrenia: a population-based cohort study (FIN11 study)', **Lancet**, vol 374, no. 9690, pp. 620-627.
- Tuomilehto, J 2009, 'Nonpharmacologic therapy and exercise in the prevention of type 2 diabetes', **Diabetes Care**, vol 32, no. Suppl. 2, pp. S189-S193.
- Tuomilehto, J, Tikkanen, MJ, Höglström, P, Keinänen-Kiukaanniemi, S, Pironen, V, Toivo, J, Salonen, JT, Nyssönen, K, Stenman, U, Alfthan, H, Karppanen, H 2009, 'Safety assessment of common foods enriched with natural nonesterified plant sterols', **European Journal of Clinical Nutrition**, vol 63, no. 5, pp. 684-691.
- Tuomilehto, HPI, Seppa, JM, Partinen, MM, Peltonen, M, Gylling, H, Tuomilehto, JOI, Vanninen, EJ, Kokkarinen, J, Sahlanen, JK, Martikainen, T, Soini, EJO, Randell, J, Tukiainen, H, Uusitupa, M, Kuopio Sleep Apnea Grp 2009, 'Lifestyle Intervention with Weight Reduction: First-line treatment in mild obstructive sleep apnea', **American Journal of Respiratory and Critical Care Medicine**, vol 179, no. 4, pp. 320-327.
- Tuomilehto, H, Peltonen, M, Partinen, M, Lavigne, G, Eriksson, JG, Herder, C, Aunola, S, Keinänen-Kiukaanniemi, S, Ilanne-Parikka, P, Uusitupa, M, Lindström, J, Finnish Diabetes Prevention Study Group 2009, 'Sleep duration, lifestyle intervention, and incidence of type 2 diabetes in impaired glucose tolerance: the Finnish Diabetes Prevention Study', **Diabetes Care**, vol 32, no. 11, pp. 1965-1971.
- Turunen, P, Carpelan-Holmström, M, Kairaluoma, P, Wikström, H, Kruuna, O, Pere, P, Bachmann, M, Sarna, S, Scheinin, T 2009, 'Epidural analgesia diminished pain but did not otherwise improve enhanced recovery after laparoscopic sigmoidectomy: a prospective randomized study', **Surgical Endoscopy**, vol 23, no. 1, pp. 31-37.
- Uusitupa, M, Peltonen, M, Lindström, J, Aunola, S, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Valle, TT, Eriksson, JG, Tuomilehto, J, Finnish Diabetes Prevention Study Group 2009, 'Ten-year mortality and cardiovascular morbidity in the Finnish Diabetes Prevention Study: secondary analysis of the randomized trial', **PLoS One**, vol 4, no. 5, pp. e5656.
- Valtonen, H, Suominen, K, Haukka, J, Mantere, O, Arvilommi, P, Leppämäki, S, Isometsä, E 2009, 'Hopelessness across phases of bipolar I or II disorder: a prospective study', **Journal of Affective Disorders**, vol 115, no. 1-2, pp. 11-17.
- Viljanen, A, Kaprio, J, Pyykko, I, Sorri, M, Pajala, S, Kauppinen, M, Koskenvuo, M, Rantanen, T 2009, 'Hearing as a predictor of falls and postural balance in older female twins', **Journals of Gerontology. Series A: Biological Sciences & Medical Sciences**, vol 64, no. 2, pp. 312-317.
- Viljanen, A, Kaprio, J, Pyykko, I, Sorri, M, Koskenvuo, M, Rantanen, T 2009, 'Hearing acuity as a predictor of walking difficulties in older women', **Journal of the American Geriatrics Society**, vol 57, no. 12, pp. 2282-2286.
- Virta, JJ, Aalto, S, Järvenpää, T, Karrasch, M, Kaprio, J, Koskenvuo, M, Riihää, I, Viljanen, T, Rinne, JO 2009, 'Voxel-based analysis of cerebral glucose metabolism in mono- and dizygotic twins discordant for Alzheimer disease', **Journal of Neurology, Neurosurgery and Psychiatry**, vol 80, no. 3, pp. 259-266.
- Virtanen, R, Aromaa, M, Koskenvuo, M, Sillanpää, M, Rose, RJ, Metsähonkala, L, Helenius, H, Anttila, P, Kaprio, J 2009, 'Prevalence and incidence of headache in adolescent Finnish Twins', **Headache**, vol 49, no. 1, pp. 1503-1512.
- Vistisen, D, Colagiuri, S, Borch-Johnsen, K, Alberti, KGMM, Williams, R, Roglic, G, Balkau, B, Ramachandran, A, Tuomilehto, J, Zimmet, P, Shaw, J, Fezeu, L, Jørgensen, T, Tabai, BP, Tilvis, R, Eschwege, E, Rathmann, W, Bjerregaard, P, Mohan, V, Iyer, SR, Semiaridji, G, Dankner, R, Tominaga, M, Cho, NH, Kim, HL, Wang, B, Dong, Y, Szybinski, Z, Viali, S, Cutter, J, de Pablos-Velasco, PL, Eliasson, M, Zethelius, B, Chou, P, Dekker, JM, Nijpels, G, Feskens, EJM, Palu, T, Wareham, N, Marmot, M, Cheng, YJ, Engelgau, M, Schmidt, MI, Binh, TV, DETECT-2 Collaboration 2009, 'Bimodal distribution of glucose is not universally useful for diagnosing diabetes', **Diabetes Care**, vol 32, no. 3, pp. 397-403.
- Vuoksimaa, E, Koskenvuo, M, Rose, RJ, Kaprio, J 2009, 'Origins of handedness: A nationwide study of 30 161 adults', **Neuropsychologia**, vol 47, no. 5, pp. 1294-1301.
- Whitlock, G, Lewington, S, Sherliker, P, Clarke, R, Emberson, J, Halsey, J, Qizilbash, N, Collins, R, Peto, R, MacMahon, S, Aromaa, A, Baigent, C, Carstensen, J, Chen, Z, Duffy, S, Kromhout, D, Neaton, J, Rodgers, A, Tominaga, S, Törnberg, S, Tunstall-Pedoe, H, Chambless, L, De Bacquer, D, Kornitzer, M, Whincup, P, Wannamethee, SG, Morris, R, Wald, N, Morris, J, Law, M, Knunan, M, Bartholomew, H, Davey Smith, G, Sweetnam, P, Elwood, P, Yarnell, J, Kronmal, R, Sutherland, S, Keil, J, Jensen, G, Schnohr, P, Hames, C, Tyroler, A, Knekt, P, Reunanen, A, Tuomilehto, J, Jousilahti, P, Vartiainen, E, Puska, P, Kuznetsova, T, Richart, T, Staessen, J, Thijs, L, Jørgensen, T, Thomsen, T, Sharp, D, Curb, JD, Iso, H, Sato, S, Kitamura, A, Naito, Y, Benetos, A, Guize, L, Goldbourt, U, Tomita, M, Nishimoto, Y, Murayama, T, Criqui, M, Davis, C, Hart, C, Hole, D, Gillis, C, Jacobs, D, Blackburn, H, Luepker, R, Eberly, L, Cox, C, Levy, D, D'Agostino, R, Silbershatz, H, Tverdal, A, Selmer, R, Meade, T, Garrow, K, Cooper, J, Speizer, F, Stampfer, M, Menotti, A, Spagnolo, A, Tsuji, I, Imai, Y, Ohkubo, T, Hisamichi, S, Haheim, L, Holme, I, Hjermann, I, Leren, P, Ducimetiere, P, Empana, J, Jamrozik, K, Broadhurst, R, Assmann, G, Schulte, H, Bengtsson, C, Björkelund, C, Lissner, L, Sorlie, P, Garcia-Palmieri, M, Barrett-Connor, E, Langer, R, Nakachi, K, Imai, K, Fang, X, Li, S, Buzina, R, Nissinen, A, Aravanis, C, Dontas, A, Kafatos, A, Adachi, H, Toshima, H, Imaizumi, T, Nedeljkovic, S, Ostojic, M, Nakayama, T, Yoshiike, N, Yokoyama, T, Date, C, Tanaka, H, Keller, J, Bonaa, K, Arnesen, E, Rimm, E, Gaziano, M, Buring, JE, Hennekens, C, Shipley, M, Leon, D, Marmot, M, Palmer, A, Parish, S, Prospective Studies Collaboration 2009, 'Body-mass index and cause-specific mortality in 900 000 adults: collaborative analyses of 57 prospective studies', **Lancet**, vol 373, no. 9669, pp. 1083-1096.





## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

#### PURE/Tuomilehto

Wikström, K, Peltonen, M, Eriksson, JG, Aunola, S, Ilanne-Parikka, P, Keinänen-Kiukaanniemi, S, Uusitupa, M, Tuomilehto, J, Lindström, J 2009, 'Educational attainment and effectiveness of lifestyle intervention in the Finnish Diabetes Prevention Study', **Diabetes Research and Clinical Practice**, vol 86, no. 1, pp. e1-e5.

Yokoyama, Y, Sugimoto, M, Silventoinen, K, Pitkaniemi, J, Kaprio, J 2009, 'Growth Charts of Length and Height from Birth to Six Years of Age in Japanese Triplets', **Twin Research and Human Genetics**, vol 12, no. 3, pp. 320-327.

Zhang, L, Qiao, Q, Tuomilehto, J, Hammar, N, Ruotolo, G, Stehouwer, CDA, Heine, RJ, Eliasson, M, Zethelius, B, DECODE Study Group 2009, 'The impact of dyslipidaemia on cardiovascular mortality in individuals without a prior history of diabetes in the DECODE Study', **Atherosclerosis**, vol 206, no. 1, pp. 298-302.

Zhang, L, Qiao, Q, Tuomilehto, J, Hammar, N, Janus, ED, Söderberg, S, Mohan, V, Ramachandran, A, Dong, Y, Lam, TH, Pang, ZC 2009, 'Blood lipid levels in relation to glucose status in seven populations of Asian origin without a prior history of diabetes: the DECODA study', **Diabetes - Metabolism: Research and Reviews (Print Edition)**, vol 25, no. 6, pp. 549-557.

Zhou, X, Ji, L, Luo, Y, Han, X, Zhang, X, Sun, X, Ren, Q, Qiao, Q 2009, 'Risk factors associated with the presence of diabetes in Chinese communities in Beijing', **Diabetes Research and Clinical Practice**, vol 86, no. 3, pp. 233-238.

Zhou, X, Ji, L, Luo, Y, Zhang, X, Han, X, Qiao, Q 2009, 'Performance of HbA(1c) for detecting newly diagnosed diabetes and pre-diabetes in Chinese communities living in Beijing', **Diabetic Medicine**, vol 26, no. 12, pp. 1262-1268.

#### **2010**

Ahtiluoto, S, Polvikoski, T, Peltonen, M, Solomon, A, Tuomilehto, J, Winblad, B, Sulkava, R 2010, 'Diabetes, Alzheimer disease, and vascular dementia', **Neurology**, vol 75, pp. 1195-1202.

Allen, HL, Estrada, K, Lettre, G, Berndt, SI, Weedon, MN, Rivadeneira, F, Willer, CJ, Jackson, AU, Vedantam, S, Raychaudhuri, S, Ferreira, T, Wood, AR, Weyant, RJ, Segre, AV, Speliotes, EK, Wheeler, E, Soranzo, N, Park, J, Yang, J, Gudbjartsson, D, Heard-Costa, NL, Randall, JC, Qi, L, Smith, AV, Maegi, R, Pastinen, T, Liang, L, Heid, IM, Luan, J, Thorleifsson, G, Winkler, TW, Goddard, ME, Lo, KS, Palmer, C, Workalemahu, T, Aulchenko, YS, Johansson, A, Zillikens, MC, Feitosa, MF, Esko, T, Johnson, T, Ketkar, S, Kraft, P, Mangino, M, Prokopenko, I, Absher, D, Albrecht, E, Ernst, F, Glazer, NL, Hayward, C, Hottenga, J, Jacobs, KB, Knowles, JW, Kutalik, Z, Monda, KL, Polasek, O, Preuss, M, Rayner, NW, Robertson, NR, Steinthorsdottir, V, Tyrer, JP, Voight, BF, Wiklund, F, Xu, J, Zhao, JH, Nyholt, DR, Pellikka, N, Perola, M, Perry, JRB, Surakka, I, Tammesoo, M, Altmaier, EL, Amin, N, Aspelund, T, Bhargava, T, Boucher, G, Chasman, DJ, Chen, C, Coin, L, Cooper, MN, Dixon, AL, Gibson, Q, Grundberg, E, Hao, K, Junttila, MJ, Kaplan, LM, Kettunen, J, Koenig, IR, Kwan, T, Lawrence, RW, Levinson, DF, Lorentzon, M, McKnight, B, Morris, AP, Mueller, M, Ngwa, JS, Purcell, S, Rafelt, S, Salem, RM, Salvi, E, Sanna, S, Shi, J, Sovio, U, Thompson, JR, Turchin, MC, Vandenput, L, Verlaan, DJ, Vitart, V, White, CC, Ziegler, A, Almgren, P, Balmforth, AJ, Campbell, H, Citterio, L, De Grandi, A, Dominiczak, A, Duan, J, Elliott, P, Elosua, R, Eriksson, JG, Freimer, NB, Geus, EJC, Glorioso, N, Haq, S, Hartikainen, A, Havulinna, AS, Hicks, AA, Hui, J, Igl, W, Illig, T, Jula, A, Kajantie, E, Kilpeläinen, TO, Koiranen, M, Kolcic, I, Koskinen, S, Kovacs, P, Laitinen, J, Liu, J, Lokki, M, Marusic, A, Maschio, A, Meitinger, T, Mulas, A, Pare, G, Parker, AN, Peden, JF, Petersmann, A, Pichler, I, Pietiläinen, KH, Pouta, A, Riddertrale, M, Rotter, JI, Sambrook, JG, Sanders, AR, Schmidt, CO, Sinisalo, J, Smit, JH, Stringham, HM, Walters, GB, Widen, E, Wild, SH, Willemssen, G, Zagato, L, Zgaga, L, Zitting, P, Alavere, H, Farrall, M, McArdle, WL, Nelis, M, Peters, MJ, Ripatti, S, Van Meurs, JBJ, Aben, KK, Ardlie, KG, Beckmann, JS, Beilby, JP, Bergman, RN, Bergmann, S, Collins, FS, Cusi, D, den Heijer, M, Eiriksdottir, G, Gejman, PV, Hall, AS, Hamsten, A, Huikuri, HV, Iribarren, C, Kahonen, M, Kaprio, J, Kathiresan, S, Kiemenev, L, Kocher, T, Launer, LJ, Lehtimäki, T, Melander, O, Mosley, TH, Musk, AW, Nieminen, MS, O'Donnell, CJ, Ohlsson, C, Oostra, B, Palmer, LJ, Raitakari, O, Ridker, PM, Rioux, JD, Rissanen, A, Rivolta, C, Schunkert, H, Shuldiner, AR, Siscovick, DS, Stumvoll, M, Toenjes, A, Tuomilehto, J, van Ommen, G, Viikari, J, Heath, AC, Martin, NG, Montgomery, GW, Province, MA, Kayser, M, Arnold, AM, Atwood, LD, Boerwinkle, E, Chanock, SJ, Deloukas, P, Gieger, C, Grönberg, H, Hall, P, Hattersley, AT, Hengstenberg, C, Hoffman, W, Lathrop, GM, Salomaa, V, Schreiber, S, Uda, M, Waterworth, D, Wright, AF, Assimes, TL, Barroso, I, Hofman, A, Mohlke, KL, Boomsma, DI, Caulfield, MJ, Cupples, LA, Erdmann, J, Fox, CS, Gudnason, V, Gyllenstein, U, Harris, TB, Hayes, RB, Jarvelin, M, Mooser, V, Munroe, PB, Ouwehand, WH, Penninx, BW, Pramstaller, PP, Quertermous, T, Rudan, I, Samani, NJ, Spector, TD, Voelzke, H, Watkins, H, Wilson, JF, Groop, LC, Haritunians, T, Hu, FB, Kaplan, RC, Metspalu, A, North, KE, Schlessinger, D, Wareham, NJ, Hunter, DJ, O'Connell, JR, Strachan, DP, Schadt, H, Thorsteinsdottir, U, Peltonen, L, Uitterlinden, AG, Visscher, PM, Chatterjee, N, Loos, RJF, Boehnke, M, McCarthy, MI, Ingelsson, E, Lindgren, CM, Abecasis, GR, Stefansson, K, Frayling, TM, Hirschhorn, JN, Procardis Consortium 2010, 'Hundreds of variants clustered in genomic loci and biological pathways affect human height', **Nature**, vol 467, no. 7317, pp. 832-838.

Antikainen, RL, Kastarinen, MJ, Jousilahti, P, Peltonen, MK, Laatikainen, T, Beckett, N, Peters, R, Jokelainen, J, Barengo, NC, Tuomilehto, JO 2010, 'Despite evidence-based guidelines, systolic blood pressure remains inadequately controlled in older hypertensive adults', **Journal of Human Hypertension**, vol 24, pp. 439-446.

Backlund, H, Kujala, U, Sarna, S, Kaprio, J 2010, 'Former athletes' health-related lifestyle behaviours and self-rated health in late adulthood', **International Journal of Sports Medicine**, vol 31, no. 10, pp. 751-758.

Bakris, G, Sarafidis, P, Weir, M, Dahlöf, B, Pitt, B, Jamerson, K, Velazquez, E, Staikos-Byrne, L, Kelly, R, Shi, V, Chiang, Y, Weber, M, Tuomilehto, J, The Accomplish Trial Investigators 2010, 'Renal outcomes with different fixed-dose combination therapies in patients with hypertension at high risk for cardiovascular events (ACCOMPLISH): a prespecified secondary analysis of a randomised controlled trial', **Lancet**, vol 375, no. 9721, pp. 1173-1181.

Bidel, S, Hu, G, Jousilahti, P, Antikainen, R, Pukkala, E, Hakulinen, T, Tuomilehto, J 2010, 'Coffee consumption and risk of colorectal cancer', **European Journal of Clinical Nutrition**, vol 64, pp. 917-923.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

Cameron, AJ, Sicree, RA, Zimmet, PZ, Alberti, K, Tonkin, AM, Balkau, B, Tuomilehto, J, Chitson, P, Shaw, JE **2010**, 'Cut-points for waist circumference in Europeans and South Asians', **Obesity**, vol 18, no. 10, pp. 2039-2046.

Dupuis, J, Langenberg, C, Prokopenko, I, Saxena, R, Soranzo, N, Jackson, AU, Wheeler, E, Glazer, NL, Bouatia-Naji, N, Gloyn, AL, Lindgren, CM, Maegi, R, Morris, AP, Randall, J, Johnson, T, Elliott, P, Rybin, D, Thorleifsson, G, Steinthorsdottir, V, Henneman, P, Grallert, H, Dehghan, A, Hottenga, JJ, Franklin, CS, Navarro, P, Song, K, Goel, A, Perry, JRB, Egan, JM, Lajunen, T, Grarup, N, Sparso, T, Doney, A, Voight, BF, Stringham, HM, Li, M, Kanoni, S, Shraider, P, Cavalcanti-Proenca, C, Kumari, M, Qi, L, Timpson, NJ, Gieger, C, Zabena, C, Rocheleau, G, Ingelsson, E, An, P, O'Connell, J, Luan, J, Elliott, A, McCarrroll, SA, Payne, F, Roccascella, RM, Pattou, F, Sethupathy, P, Ardlie, K, Ariyurek, Y, Balkau, B, Barter, P, Beilby, JP, Ben-Shlomo, Y, Benediktsson, R, Bennett, AJ, Bergmann, S, Bochud, M, Boerwinkle, E, Bonnefond, A, Bonnycastle, LL, Borch-Johnsen, K, Boettcher, Y, Brunner, E, Bumpstead, SJ, Charpentier, G, Chen, YI, Chines, P, Clarke, R, Coin, LJM, Cooper, MN, Cornelis, M, Crawford, G, Crisponi, L, Day, INM, de Geus, EJC, Delplanque, J, Dina, C, Erdos, MR, Fedson, AC, Fischer-Rosinsky, A, Forouhi, NG, Fox, CS, Frants, R, Franzosi, MG, Galan, P, Goodarzi, MO, Graessler, J, Groves, CJ, Grundy, S, Gwilliam, R, Gyllenstein, U, Hadjadj, S, Hallmans, G, Hammond, N, Han, X, Hartikainen, A, Hassaanali, N, Hayward, C, Heath, SC, Hercberg, S, Herder, C, Hicks, AA, Hillman, DR, Hingorani, AD, Hofman, A, Hui, J, Hung, J, Isomaa, B, Johnson, PRV, Jorgensen, T, Julia, A, Kaakinen, M, Kaprio, J, Kesaniemi, YA, Kivimäki, M, Knight, B, Koskinen, S, Kovacs, P, Kyvik, KO, Lathrop, GM, Lawlor, DA, Le Bacquer, O, Lecoeur, C, Li, Y, Lyssenko, V, Mahley, R, Mangino, M, Manning, AK, Martinez-Larrad, MT, McAteer, JB, McCulloch, LJ, McPherson, R, Meisinger, C, Melzer, D, Meyre, D, Mitchell, BD, Morken, MA, Mukherjee, S, Naitza, S, Narisu, N, Neville, MJ, Oostra, BA, Orru, M, Pakyz, R, Palmer, CNA, Paolisso, G, Pattaro, C, Pearson, D, Peden, JF, Pedersen, NL, Perola, M, Pfeiffer, AFH, Pichler, I, Polasek, O, Posthuma, D, Potter, SC, Pouta, A, Province, MA, Psaty, BM, Rathmann, W, Rayner, NW, Rice, K, Ripatti, S, Rivadeneira, F, Roden, M, Rolandsson, O, Sandbaek, A, Sandhu, M, Sanna, S, Sayer, AA, Scheet, P, Scott, LJ, Seedorf, U, Sharp, SJ, Shields, B, Sigurdsson, G, Sijbrands, E, G, Silveira, A, Simpson, L, Singleton, A, Smith, NL, Sovio, U, Swift, A, Syddall, H, Syaenen, A, Tanaka, T, Thorand, B, Tichet, J, Toenjes, A, Tuomi, T, Uitterlinden, AG, van Dijk, KW, van Hoek, M, Varma, D, Visvikis-Siest, S, Vitart, V, Vogelzangs, N, Waeber, G, Wagner, PJ, Walley, A, Walters, GB, Ward, KL, Watkins, H, Weedon, MN, Wild, SH, Willemsen, G, Wittman, JCM, Yarnell, JWG, Zeggini, E, Zelenika, D, Zethelius, B, Zhai, G, Zhao, JH, Zillikens, MC, Borecki, IB, Loos, R, JF, Meneton, P, Magnusson, PKE, Nathan, DM, Williams, GH, Hattersley, AT, Silander, K, Salomaa, V, Smith, GD, Bornstein, SR, Schwarz, P, Spranger, J, Karpe, F, Shuldiner, AR, Cooper, C, Dedoussis, GV, Serrano-Rios, M, Morris, AD, Lind, L, Palmer, LJ, Hu, FB, Franks, PW, Ebrahim, S, Marmot, M, Kao, WHL, Pankow, JS, Sampson, MJ, Kuusisto, J, Laakso, M, Hansen, T, Pedersen, O, Pramstaller, PP, Wichmann, HE, Illig, T, Rudan, I, Wright, AF, Stumvoll, M, Campbell, H, Wilson, JF, Hamsten, A, Bergman, RN, Buchanan, TA, Collins, FS, Mohlke, KL, Tuomilehto, J, Valle, TT, Altschuler, D, Rotter, JI, Siscovick, DS, Penninx, BWJH, Boomsma, DI, Deloukas, P, Spector, TD, Frayling, TM, Ferrucci, L, Kong, A, Thorsteinsdottir, U, Stefansson, K, van Duijn, CM, Aulchenko, YS, Cao, A, Scuteri, A, Schlessinger, D, Uda, M, Ruokonen, A, Jarvelin, M, Waterworth, DM, Vollenweider, P, Peltonen, L, Mooser, V, Abecasis, GR, Wareham, NJ, Sladek, R, Froguel, P, Watanabe, RM, Meigs, JB, Groop, L, Boehnke, M, McCarthy, MI, Florez, JC, Ines Barroso MAGIC Investigators, Global BPgen Consortium, Procardis Consortium, GIANT Consortium, DIAGRAM Consortium **2010**, 'New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk', **Nature Genetics**, vol 42, no. 2, pp. 105-116.

Feodoroff, B, Ellström, P, Hyytiäinen, H, Sarna, S, Hänninen, M, Rautelin, H **2010**, 'Campylobacter jenuini isolates in Finnish patients differ according to the origin of infection', **Gut Pathogens**, vol 2, no. 22.

Foroughi, M, Pitkäniemi, JM, Nannapaneni, R, Nath, F **2010**, 'Excision of vestibular schwannomas - is there a learning curve and how best to demonstrate it?', **British Journal of Neurosurgery**, vol 24, no. 5, pp. 547-554.

Furberg, H, Kim, Y, Dackor, J, Boerwinkle, E, Franceschini, N, Ardissino, D, Bernardinelli, L, Mannucci, PM, Mauri, F, Merlini, PA, Absher, D, Assimes, TL, Fortmann, SP, Iribarren, C, Knowles, JW, Quetermous, T, Ferrucci, L, Tanaka, T, Bis, JC, Furberg, CD, Haritunians, T, McKnight, B, Psaty, BM, Taylor, KD, Thacker, EL, Almgren, P, Groop, L, Ladenvall, C, Boehnke, M, Jackson, AU, Mohlke, KL, Stringham, HM, Tuomilehto, J, Benjamin, EJ, Hwang, S, Levy, D, Preis, SR, Vasan, RS, Duan, J, Gejman, PV, Levinson, DF, Sanders, AR, Shi, J, Lips, EH, Mckay, JD, Agudo, A, Barzan, L, Bencko, V, Benhamou, S, Castellsague, X, Canova, C, Conway, DI, Fabianova, E, Foretova, L, Janout, V, Healy, CM, Holcatova, I, Kjaerheim, K, Lajou, P, Lissowska, J, Lowry, R, Macfarlane, TV, Mates, D, Richiardi, L, Rudnai, P, Szeszenia-Dabrowska, N, Zaridze, D, Znaor, A, Lathrop, M, Brennan, P, Bandinelli, S, Frayling, TM, Guralnik, JM, Milaneschi, Y, Perry, JRB, Altschuler, D, Elosua, R, Kathiresan, S, Lucas, G, Melander, O, O'Donnell, CJ, Salomaa, V, Schwartz, SM, Voight, BF, Penninx, BW, Smit, JH, Vogelzangs, N, Boomsma, DI, de Geus, EJC, Vink, JM, Willemsen, G, Chanock, SJ, Gu, F, Hankinson, SE, Hunter, DJ, Hofman, A, Tiemeier, H, Uitterlinden, AG, van Duijn, CM, Walter, S, Chasman, DI, Everett, BM, Pare, G, Ridker, PM, Li, MD, Maes, HH, Audrain-McGovern, J, Posthuma, D, Thornton, LM, Lerman, C, Kaprio, J, Rose, JE, Ioannidis, JPA, Kraft, P, Lin, D, Sullivan, PF **2010**, 'Genome-wide meta-analyses identify multiple loci associated with smoking behavior', **Nature Genetics**, vol 42, pp. 441-447.

Gao, WG, Dong, YH, Pang, ZC, Nan, HR, Wang, SJ, Ren, J, Zhang, L, Tuomilehto, J, Qiao, Q **2010**, 'A simple Chinese risk score for undiagnosed diabetes', **Diabetic Medicine**, vol 27, no. 3, pp. 274-281.

Hachinski, V, Donnan, GA, Gorelick, PB, Hacke, W, Cramer, SC, Kaste, M, Fisher, M, Brainin, M, Buchan, AM, Lo, EH, Skolnick, BE, Furie, KL, Hankey, GJ, Kivipelto, M, Morris, J, Rothwell, PM, Sacco, RL, Smith, SC, Wang, Y, Bryer, A, Ford, GA, Iadecola, C, Martins, SCO, Saver, J, Skvortsova, V, Bayley, M, Bednar, MM, Duncan, P, Enney, L, Finklestein, S, Jones, TA, Kalra, L, Kleim, J, Nitkin, R, Teasell, R, Weiller, C, Desai, B, Goldberg, MP, Heiss, W, Saarela, O, Schwamm, LH, Shinohara, Y, Trivedi, B, Wahlgren, N, Wong, LK, Hakim, A, Norving, B, Prudhomme, S, Bornstein, NM, Davis, SM, Goldstein, LB, Leys, D, Tuomilehto, J **2010**, 'Stroke: Working toward a Prioritized World Agenda', **Cerebrovascular Diseases**, vol 30, no. 2, pp. 127-147.



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

#### PURE/Tuomilehto

- Hachinski, V, Donnan, GA, Gorelick, PB, Hacke, W, Cramer, SC, Kaste, M, Fisher, M, Brainin, M, Buchan, AM, Lo, EH, Skolnick, BE, Furie, KL, Hankey, GJ, Kivipelto, M, Morris, J, Rothwell, PM, Sacco, RL, Smith, SC, Wang, Y, Bryer, A, Ford, GA, Iadecola, C, Martins, SCO, Saver, J, Skvortsova, V, Bayley, M, Bednar, MM, Duncan, P, Enney, L, Finklestein, S, Jones, TA, Kalra, L, Kleim, J, Nikkin, R, Teasell, R, Weiller, C, Desai, B, Goldberg, MP, Heiss, W, Saarela, O, Schwamm, LH, Shinohara, Y, Trivedi, B, Wahlgren, N, Wong, LK, Hakim, A, Norving, B, Prudhomme, S, Bornstein, NM, Davis, SM, Goldstein, LB, Leys, D, Tuomilehto, J **2010**, 'Stroke: working toward a prioritized world agenda', *Stroke*, vol 41, no. 6, pp. 1084-1099.
- Heid, IM, Jackson, AU, Randall, JC, Winkler, TW, Qi, L, Steinthorsdottir, V, Thorleifsson, G, Zillikens, MC, Speliotes, EK, Maegi, R, Workalemahu, T, White, CC, Bouatia-Naji, N, Harris, TB, Berndt, SI, Ingelsson, E, Willer, CJ, Weedon, MN, Luan, J, Vedantam, S, Esko, T, Kilpeläinen, TO, Kutalik, Z, Li, S, Monda, KL, Dixon, AL, Holmes, CC, Kaplan, LM, Liang, L, Min, JL, Moffatt, MF, Molony, C, Nicholson, G, Schadt, EE, Zondervan, KT, Feitosa, MF, Ferreira, T, Allen, HL, Weyant, RJ, Wheeler, E, Wood, AR, Estrada, K, Goddard, ME, Lettre, G, Mangino, M, Nyholt, DR, Purcell, S, Smith, AV, Visscher, PM, Yang, J, McCarrroll, SA, Nemesi, J, Voight, BF, Absher, D, Amin, N, Aspelund, T, Coin, L, Glazer, NL, Hayward, C, Heard-Costa, NL, Hottenga, J, Johansson, A, Johnson, T, Kaakinen, M, Kapur, K, Ketkar, S, Knowles, JW, Kraft, P, Kraja, AT, Lamina, C, Leitzmann, MF, McKnight, B, Morris, AP, Ong, KK, Perry, JRB, Peters, MJ, Polasek, O, Prokopenko, I, Rayner, NW, Ripatti, S, Rivadeneira, F, Robertson, NR, Sanna, S, Sovio, U, Surakka, I, Teumer, A, van Wingerden, S, Vitart, V, Zhao, JH, Cavalcanti-Proenca, C, Chines, PS, Fisher, E, Kulzer, JR, Lecoeur, C, Narisu, N, Sandholt, C, Scott, LJ, Silander, K, Stark, K, Tammesoo, M, Teslovich, TM, Timpson, NJ, Watanabe, RM, Welch, R, Chasman, DI, Cooper, MN, Jansson, J, Kettunen, J, Lawrence, RW, Pellikka, N, Perola, M, Vandenput, L, Alavere, H, Almgren, P, Atwood, LD, Bennett, AJ, Biffar, R, Bonnycastle, LL, Bornstein, SR, Buchanan, TA, Campbell, H, Day, INM, Dei, M, Doerr, M, Elliott, P, Erdos, MR, Eriksson, JG, Freimer, NB, Fu, M, Gagel, S, Geus, EJC, Gjesing, AP, Grallert, H, Graessler, J, Groves, CJ, Guiducci, C, Hartikainen, A, Hassanali, N, Havulinna, AS, Herzig, K, Hicks, AA, Hui, J, Igl, W, Jousilahti, P, Jula, A, Kajantie, E, Kinnunen, L, Kolcic, I, Koskinen, S, Kovacs, P, Kroemer, HK, Krzjel, V, Kuusisto, J, Kvaloy, K, Laitinen, J, Lantieri, O, Lathrop, GM, Lokki, M, Luben, RN, Ludwig, B, McArdle, WL, McCarthy, A, Morcken, MA, Nelis, M, Neville, MJ, Pare, G, Parker, AN, Peden, JF, Pichler, I, Pietiläinen, KH, Platou, CGP, Pouta, A, Ridderstrale, M, Samani, NJ, Saramies, J, Sinisalo, J, Smit, JH, Strawbridge, RJ, Stringham, HM, Swift, AJ, Teder-Laving, M, Thomson, B, Usala, G, van Meurs, JBJ, van Ommen, G, Vatin, V, Volpato, CB, Wallaschofski, H, Walters, GB, Widen, E, Wild, SH, Willemssen, G, Witte, DR, Zgaga, L, Zitting, P, Beilby, JP, James, AL, Kahonen, M, Lehtimäki, T, Nieminen, MS, Ohlsson, C, Palmer, LJ, Raitakari, O, Ridker, PM, Stumvoll, M, Toenjes, A, Viikari, J, Balkau, B, Ben-Shlomo, Y, Bergman, RN, Boeing, H, Smith, GD, Ebrahim, S, Froguel, P, Hansen, T, Hengstenberg, C, Hveem, K, Isomaa, B, Jorgensen, T, Karpe, F, Khaw, K, Laakso, M, Lawlor, DA, Marre, M, Meitinger, T, Metspalu, A, Midtjell, K, Pedersen, O, Salomaa, V, Schwarz, PEH, Tuomi, T, Tuomilehto, J, Valle, TT, Wareham, NJ, Arnold, AM, Beckmann, JS, Bergmann, S, Boerwinkle, E, Boomsma, DI, Caulfield, MJ, Collins, FS, Eiriksdottir, G, Gudnason, V, Gyllenstein, U, Hamsten, A, Hattersley, AT, Hofman, A, Hu, FB, Illig, T, Iribarren, C, Jarvelin, M, Kao, WHL, Kaprio, J, Launer, LJ, Munroe, PB, Oostra, B, Penninx, BW, Pramstaller, PP, Psaty, BM, Quertermous, T, Rissanen, A, Rudan, I, Shuldiner, AR, Soranzo, N, Spector, TD, Syvanen, A, Uda, M, Uitterlinden, A, Voelzke, H, Vollenweider, P, Wilson, JF, Witteman, JC, Wright, AF, Abecasis, GR, Boehnke, M, Borecki, IB, Deloukas, P, Frayling, TM, Groop, LC, Haritunians, T, Hunter, DJ, Kaplan, RC, North, KE, O'Connell, JR, Peltonen, L, Schlessinger, D, Strachan, DP, Hirschhorn, JN, Assimes, TL, Wichmann, H, Thorsteinsdottir, U, van Duijn, CM, Stefansson, K, Cupples, LA, Loos, RJF, Barroso, I, McCarthy, MI, Fox, CS, Mohlke, KL, Lindgren, CM, MAGIC **2010**, 'Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution', *Nature Genetics*, vol 42, no. 11, pp. 949-960.
- Heikinen, M, Sorsa, T, Pitkanieni, J, Tervahartiala, T, Kari, K, Broms, U, Koskenvuo, M, Meurman, JH **2010**, 'Smoking Affects Diagnostic Salivary Periodontal Disease Biomarker Levels in Adolescents', *Journal of Periodontology*, vol 81, no. 9, pp. 1299-1307.
- Holma, KM, Melartin, TK, Haukka, J, Holma, IAK, Sokero, TP, Isometsä, ET **2010**, 'Incidence and Predictors of Suicide Attempts in DSM-IV Major Depressive Disorder: A Five-Year Prospective Study', *American Journal of Psychiatry*, vol 167, no. 7, pp. 801-808.
- Holman, RR, Haffner, SM, McMurray, JJ, Bethel, MA, Holzhauser, B, Hua, TA, Belenkov, Y, Boolell, M, Buse, JB, Buckley, BM, Chacra, AR, Chiang, F, Charbonnel, B, Chow, C, Davies, MJ, Deedwania, P, Diem, P, Einhorn, D, Fonseca, V, Fulcher, GR, Gaciong, Z, Gaztambide, S, Giles, T, Horton, E, Ilkova, H, Jenssen, T, Kahn, SE, Krum, H, Laakso, M, Leiter, LA, Levitt, NS, Mareev, V, Martinez, F, Masson, C, Mazzone, T, Meaney, E, Nesto, R, Pan, C, Prager, R, Raptis, SA, Rutten, GEHM, Sandstroem, H, Schaper, F, Scheen, A, Schmitz, O, Sinay, I, Soska, V, Stender, S, Tamas, G, Tognoni, G, Tuomilehto, J, Villamil, AS, Vozar, J, Califf, RM, NAVIGATOR Study Grp **2010**, 'Effect of Nateglinide on the Incidence of Diabetes and Cardiovascular Events', *New England Journal of Medicine*, vol 362, pp. 1463-1476.
- Hu, G, Jousilahti, P, Antikainen, R, Katzmarzyk, PT, Tuomilehto, J **2010**, 'Joint Effects of Physical Activity, Body Mass Index, Waist Circumference, and Waist-to-Hip Ratio on the Risk of Heart Failure', *Circulation (Baltimore)*, vol 121, no. 2, pp. 237-244.
- Hublin, C, Partinen, M, Harkonmäki, K, Silventoinen, K, Koskenvuo, M, Kaprio, J **2010**, 'Shift-work and cardiovascular disease: a population-based 22-year follow-up study', *European Journal of Epidemiology*, vol 25, no. 5, pp. 315-323.
- Hyyärinen, M, Qiao, Q, Tuomilehto, J, Söderberg, S, Eliasson, M, Stehouwer, CDA **2010**, 'The difference between acute coronary heart disease and ischaemic stroke risk with regard to gender and age in Finnish and Swedish populations', *International Journal of Stroke*, vol 5, no. 3, pp. 152-156.
- Ikram, MK, Xueling, S, Jensen, RA, Cotch, MF, Hewitt, AW, Ikram, MA, Wang, JJ, Klein, R, Klein, BEK, Breteler, MMB, Cheung, N, Liew, G, Mitchell, P, Uitterlinden, AG, Rivadeneira, F, Hofman, A, de Jong, PTVM, van Duijn, CM, Kao, L, Cheng, C, Smith, AV, Glazer, NL, Lumley, T, McKnight, B, Psaty, BM, Jonasson, F, Eiriksdottir, G, Aspelund, T, Harris, TB, Launer, LJ, Taylor, KD, Li, X, Iyengar, SK, Xi, Q, Sivakumaran, TA, Mackey, DA, MacGregor, S, Martin, NG, Young, TL, Bis, JC, Wiggins, KL, Heckbert, SR, Hammond, CJ, Andrew, T, Fahy, S, Attia, J, Holliday, EG, Scott, RJ, Islam, FMA, Rotter, JI, McAuley, AK, Boerwinkle, E, Tai, ES, Gudnason, V, Siscovick, DS, Vingerling, JR, Wong, TY, Tuomilehto, J, Global BPgen Consortium **2010**, 'Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo', *PLoS Genetics*, vol 6, no. 10, pp. art.no. e1001184 .



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Ilanne-Parikka, P, Laaksonen, DE, Eriksson, JG, Lakka, TA, Lindstrom, J, Peltonen, MK, Aunola, S, Keinanen-Kiukaanniemi, S, Uusitupa, M, Tuomilehto, J, Finnish Diabet Prevention Study **2010**, 'Leisure-Time Physical Activity and the Metabolic Syndrome in the Finnish Diabetes Prevention Study', **Diabetes Care**, vol 33, no. 7, pp. 1610-1617.
- Ingelsson, E, Langenberg, C, Hivert, M, Prokopenko, I, Lyssenko, V, Dupuis, J, Maegi, R, Sharp, S, Jackson, AU, Assimes, TL, Shrader, P, Knowles, JW, Zethelius, B, Abbasi, FA, Bergman, RN, Bergmann, A, Berne, C, Boehnke, M, Bonnycastle, LL, Bornstein, SR, Buchanan, TA, Bumpstead, SJ, Boettcher, Y, Chines, P, Collins, FS, Cooper, CC, Dennison, EM, Erdos, MR, Ferrannini, E, Fox, CS, Graessler, J, Hao, K, Isomaa, B, Jameson, KA, Kovacs, P, Kuusisto, J, Laakso, M, Ladenvall, C, Mohlke, KL, Morken, MA, Narisu, N, Nathan, DM, Pascoe, L, Payne, F, Petrie, JR, Sayer, AA, Schwarz, PEH, Scott, LJ, Stringham, HM, Stumvoll, M, Swift, AJ, Syvanen, A, Tuomi, T, Tuomilehto, J, Tonjes, A, Valle, TT, Williams, GH, Lind, L, Barroso, I, Quertermous, T, Walker, M, Wareham, NJ, Meigs, JB, McCarthy, MI, Groop, L, Watanabe, RM, Florez, JC, MAGIC Investigators **2010**, 'Detailed physiologic characterization reveals diverse mechanisms for novel genetic Loci regulating glucose and insulin metabolism in humans', **Diabetes**, vol 59, no. 5, pp. 1266-1275.
- Isoviita, P, Nuoio, K, Saksi, J, Turunen, R, Ijäs, P, Pitkaniemi, JM, Soinnie, LS, Kaste, M, Kovanen, PT, Lindsberg, P **2010**, 'An imbalance between CD36 and ABCA1 protein expression favors lipid accumulation in stroke-prone ulcerated carotid plaques', **Stroke**, vol 41, no. 2, pp. 389-393.
- Kahn, R, Alperin, P, Eddy, D, Borch-Johnsen, K, Buse, J, Feigelman, J, Gregg, E, Holman, RR, Kirkman, MS, Stern, M, Tuomilehto, J, Wareham, NJ **2010**, 'Age at initiation and frequency of screening to detect type 2 diabetes: a cost-effectiveness analysis', **Lancet**, vol 375, pp. 1365-1374.
- Kari, O, Haahela, T, Laine, P, Turunen, JP, Kari, M, Sarna, S, Laitinen, TH, Kovanen, PT **2010**, 'Cellular characteristics of non-allergic eosinophilic conjunctivitis', **Acta ophthalmologica**, vol 88, no. 2, pp. 245-250.
- Kastarinen, M, Juutilainen, A, Kastarinen, H, Salomaa, V, Karhapää, P, Tuomilehto, J, Grönhagen-Riska, C, Jousilahti, P, Finne, P **2010**, 'Risk factors for end-stage renal disease in a community-based population: 26-year follow-up of 25 821 men and women in eastern Finland', **Journal of Internal Medicine**, vol 267, no. 6, pp. 612-620.
- Kempf, K, Herder, C, Erlund, I, Kolb, H, Martin, S, Carstensen, M, Koenig, W, Sundvall, J, Bidel, S, Kuha, S, Tuomilehto, J **2010**, 'Effects of coffee consumption on subclinical inflammation and other risk factors for type 2 diabetes: a clinical trial', **American Journal of Clinical Nutrition**, vol 91, pp. 950-957.
- Kettunen, JA, Impivaara, O, Kujala, UM, Linna, M, Mäki, J, Rätty, H, Alanen, E, Kaprio, J, Videman, T, Sarna, S **2010**, 'Hip fractures and femoral bone mineral density in male former elite athletes', **Bone**, vol 46, no. 2, pp. 330-335.
- Kilpeläinen, T, Laaksonen, D, Lakka, T, Herder, C, Koenig, W, Lindström, J, Eriksson, J, Uusitupa, M, Kolb, H, Laakso, M, Tuomilehto, J **2010**, 'The rs1800629 polymorphism in the TNF gene interacts with physical activity on the changes in C-reactive protein levels in the Finnish Diabetes Prevention Study', **Experimental and Clinical Endocrinology and Diabetes**, vol 118, no. 10, pp. 757-759.
- Klinker, MW, Schiller, JJ, Magnuson, VL, Wang, T, Basken, J, Veth, K, Pearce, KI, Kinnunen, L, Harjutsalo, V, Wang, X, Tuomilehto, J, Sarti, C, Ghosh, S **2010**, 'Single-nucleotide polymorphisms in the IL2RA gene are associated with age at diagnosis in late-onset Finnish type 1 diabetes subjects', **Immunogenetics**, vol 62, no. 2, pp. 101-107.
- Korja, M, Silventoinen, K, McCarron, P, Zdravkovic, S, Skythe, A, Haapanen, A, de Faire, U, Pedersen, NL, Christensen, K, Koskenvuo, M, Kaprio, J, GenomeUtwinn Project **2010**, 'Genetic epidemiology of spontaneous subarachnoid hemorrhage: Nordic Twin Study', **Stroke**, vol 41, no. 11, pp. 2458-2462.
- Korkeila, J, Vahtera, J, Korkeila, K, Kivimäki, M, Sumanen, M, Harkonmäki, K, Koskenvuo, M **2010**, 'Childhood adversities as predictors of incident coronary heart disease and cerebrovascular disease', **Heart**, vol 96, no. 4, pp. 298-303.
- Korkeila, J, Vahtera, J, Nabi, H, Kivimäki, M, Korkeila, K, Sumanen, M, Koskenvuo, M, Koskenvuo, M **2010**, 'Childhood adversities, adulthood life events and depression', **Journal of Affective Disorders**, vol 127, no. 1-3, pp. 130-138.
- Koskenvuo, K, Hublin, C, Partinen, M, Paunio, T, Koskenvuo, M **2010**, 'Childhood adversities and quality of sleep in adulthood: A population-based study of 26,00 Finns', **Sleep Medicine**, vol 11, no. 1, pp. 17-22.
- Kotronen, A, Yki-Järvinen, H, Männistö, S, Saarikoski, L, Korpi-Hyövälti, E, Oksa, H, Saltevo, J, Saaristo, T, Sundvall, J, Tuomilehto, J, Peltonen, M **2010**, 'Non-alcoholic and alcoholic Fatty Liver Disease - two Diseases of Affluence associated with the Metabolic Syndrome and Type 2 Diabetes: the FIN-D2D Survey', **BMC Public Health**, vol 10, no. 237.
- Kovanen, L, Saarikoski, ST, Haukka, J, Pirkola, S, Aromaa, A, Lönnqvist, J, Partonen, T **2010**, 'Circadian Clock Gene Polymorphisms in Alcohol Use Disorders and Alcohol Consumption', **Alcohol and Alcoholism**, vol 45, no. 4, pp. 303-311.
- Laaksonen, M, Pitkaniemi, J, Rahkonen, O, Lahelma, E **2010**, 'Work Arrangements, Physical Working Conditions, and Psychosocial Working Conditions as Risk Factors for Sickness Absence: Bayesian Analysis of Prospective Data', **Annals of Epidemiology**, vol 20, pp. 332-338.
- Lallukka, T, Pitkaniemi, J, Rahkonen, O, Roos, E, Laaksonen, M, Lahelma, E **2010**, 'The association of income with fresh fruit and vegetable consumption at different levels of education', **European Journal of Clinical Nutrition**, vol 64, no. 3, pp. 324-327.
- Lamberg, T, Virtanen, P, Vahtera, J, Luukkaala, T, Koskenvuo, M **2010**, 'Unemployment, depressiveness and disability retirement: a follow-up study of the Finnish HeSSup population sample', **Social Psychiatry and Psychiatric Epidemiology**, vol 45, no. 2, pp. 259-264.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Lappalainen, T, Kolehmainen, M, Schwab, U, Tolppanen, A, Stancakova, A, Lindström, J, Eriksson, J, Keinänen-Kiukaanniemi, S, Aunola, S, Ilanne-Parikka, P, Herder, C, Koeing, W, Gylling, H, Kolb, H, Kuusisto, J, Uusitupa, M, Tuomilehto, J, Finnish Diabetes Prevention Study Group **2010**, 'Association of the FTO gene variant (rs939609) with cardiovascular disease in men with abnormal glucose metabolism: The Finnish Diabetes Prevention Study', **Nutrition, Metabolism and Cardiovascular Diseases**, vol 2010, pp. 1-8.
- Lehtovirta, M, Pietiläinen, KH, Levalahti, E, Heikkilä, K, Groop, L, Silventoinen, K, Koskenvuo, M, Kaprio, J **2010**, 'Evidence that BMI and type 2 diabetes share only a minor fraction of genetic variance: a follow-up study of 23,585 monozygotic and dizygotic twins from the Finnish Twin Cohort Study', **Diabetologia**, vol 53, pp. 1314-1321.
- Lilja, M, Rolandsson, O, Shaw, JE, Pauvaday, V, Cameron, AJ, Tuomilehto, J, Alberti, KGMM, Zimmet, PZ, Söderberg, S **2010**, 'Higher leptin levels in Asian Indians than Creoles and Europeans: a potential explanation for increased metabolic risk', **International Journal of Obesity**, vol 34, no. 5, pp. 878-885.
- Lindström, J, Neumann, A, Sheppard, KE, Gillis-Januszewska, A, Greaves, CJ, Handke, U, Pajunen, P, Puhl, S, Polonen, A, Rissanen, A, Roden, M, Stemper, T, Telle-Hjellset, V, Tuomilehto, J, Velickiene, D, Schwarz, PE, IMAGE Study Grp **2010**, 'Take Action to Prevent Diabetes - The IMAGE Toolkit for the Prevention of Type 2 Diabetes in Europe', **Hormone and Metabolic Research**, vol 42, no. suppl 1, pp. 37-55.
- Liukkonen, V, Virtanen, P, Vahtera, J, Suominen, S, Sillanmäki, L, Koskenvuo, M **2010**, 'Employment trajectories and changes in sense of coherence', **European Journal of Public Health**, vol 20, no. 3, pp. 293-298.
- Magliano, DJ, Söderberg, S, Zimmet, PZ, Cartensen, B, Balkau, B, Pauvaday, V, Kowlessur, S, Tuomilehto, J, Alberti, KGM, Shaw, JE **2010**, 'Mortality, all-cause and cardiovascular disease, over 15 years in multiethnic Mauritius', **Diabetes Care**, vol 33, no. 9, pp. 1983-1989.
- McMurray, JJ, Holman, RR, Haffner, SM, Bethel, MA, Holzhauser, B, Hua, TA, Belenkov, Y, Boolell, M, Buse, JB, Buckley, BM, Chacra, AR, Chiang, F, Charbonnel, B, Chow, C, Davies, MJ, Deedwania, P, Diem, P, Einhorn, D, Fonseca, V, Fulcher, GR, Gaciong, Z, Gaztambide, S, Giles, T, Horton, E, Ilkova, H, Jenssen, T, Kahn, SE, Krum, H, Laakso, M, Leiter, LA, Levitt, NS, Mareev, V, Martinez, F, Masson, C, Mazzone, T, Meaney, E, Nesto, R, Pan, C, Prager, R, Raptis, SA, Rutten, GEHM, Sandstroem, H, Schaper, F, Scheen, A, Schmitz, O, Sinay, I, Soska, V, Stender, S, Tamas, G, Tognoni, G, Tuomilehto, J, Villamil, AS, Vozar, J, Califf, RM, NAVIGATOR Study Grp **2010**, 'Effect of Valsartan on the Incidence of Diabetes and Cardiovascular Events', **New England Journal of Medicine**, vol 362, pp. 1477-1490.
- Melartin, T, Haukka, J, Rytsälä, HJ, Jylhä, PJ, Isometsä, ET **2010**, 'Categorical and Dimensional Stability of Comorbid Personality Disorder Symptoms in DSM-IV Major Depressive Disorder: A Prospective Study', **Journal of Clinical Psychiatry**, vol 71, no. 3, pp. 287-295.
- Meretoja, A, Putaala, J, Tatlisumak, T, Atula, S, Arto, V, Curtze, S, Häppölä, OP, Lindsberg, PJ, Mustanoja, S, Piironen, K, Pitkaniemi, J, Rantanen, K, Sairanen, T, Salonen, O, Silvennoinen, H, Soenne, L, Strbian, D, Tiainen, M, Kaste, M **2010**, 'Off-label thrombolysis is not associated with poor outcome in patients with stroke', **Stroke**, vol 41, no. 7, pp. 1450-1458.
- Mänty, M, Heinonen, A, Viljanen, A, Pajala, S, Koskenvuo, M, Kaprio, J, Rantanen, T **2010**, 'Self-reported preclinical mobility limitation and fall history as predictors of future falls in older women: prospective cohort study', **Osteoporosis International**, vol 21, no. 4, pp. 689-693.
- Nabi, H, Hall, M, Koskenvuo, M, Singh-Manoux, A, Oksanen, T, Suominen, S, Kivimäki, M, Vahtera, J **2010**, 'Psychological and Somatic Symptoms of Anxiety and Risk of Coronary Heart Disease: The Health and Social Support Prospective Cohort Study', **Biological Psychiatry**, vol 67, no. 4, pp. 378-385.
- Nabi, H, Kivimäki, M, Suominen, S, Koskenvuo, M, Singh-Manoux, A, Vahtera, J **2010**, 'Does depression predict coronary heart disease and cerebrovascular disease equally well? The Health and Social Support Prospective Cohort Study', **International Journal of Epidemiology**, vol 39, no. 4, pp. 1016-1024.
- Nabi, H, Koskenvuo, M, Singh-Manoux, A, Korkeila, J, Suominen, S, Korkeila, K, Vahtera, J, Kivimäki, M **2010**, 'Low Pessimism Protects Against Stroke The Health and Social Support (HeSSup) Prospective Cohort Study', **Stroke**, vol 41, no. 1, pp. 187-190.
- Nakaya, N, Bidstrup, PE, Saito-Nakaya, K, Frederiksen, K, Koskenvuo, M, Pukkala, E, Kaprio, J, Floderus, B, Uchitomi, Y, Johansen, C **2010**, 'Personality Traits and Cancer Risk and Survival Based on Finnish and Swedish Registry Data', **American Journal of Epidemiology**, vol 172, no. 4, pp. 377-385.
- Nan, H, Pang, Z, Wang, S, Gao, W, Zhang, L, Ren, J, Ning, F, Tuomilehto, J, Qiao, Q, Qingdao 2006 Diabet Survey Grp **2010**, 'Serum uric acid, plasma glucose and diabetes', **Diabetes and Vascular Disease Research**, vol 7, no. 1, pp. 40-46.
- Ning, F, Qiao, Q, Tuomilehto, J, Hammar, N, Ho, SY, Söderberg, S, Zimmet, PZ, Shaw, JE, Nakagami, T, Mohan, V, Ramachandran, A, Lam, TH, Andersson, SW, Janus, ED, Boyko, EJ, Fujimoto, WY, Pang, ZC, DECODA Study Grp **2010**, 'Does abnormal insulin action or insulin secretion explain the increase in prevalence of impaired glucose metabolism with age in populations of different ethnicities?', **Diabetes - Metabolism: Research and Reviews (Print Edition)**, vol 26, pp. 245-253.
- Ning, F, Tuomilehto, J, Pyörälä, K, Onat, A, Soderberg, S, Qiao, Q, DECODE Study Grp **2010**, 'Cardiovascular Disease Mortality in Europeans in Relation to Fasting and 2-h Plasma Glucose Levels Within a Normoglycemic Range', **Diabetes Care**, vol 33, pp. 2211-2216.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Nyamdorj, R, Pitkaniemi, J, Tuomilehto, J, Hammar, N, Stehouwer, CDA, Lam, TH, Ramachandran, A, Janus, ED, Mohan, V, Soderberg, S, Laatikainen, T, Gabriel, R, Qiao, Q, DECODE Study Grp, DECODA Study Grp **2010**, 'Ethnic comparison of the association of undiagnosed diabetes with obesity', **International Journal of Obesity**, vol 34, no. 2, pp. 332-339.
- Pakkala, I, Read, S, Kaprio, J, Koskenvuo, M, Kauppinen, M, Rantanen, T **2010**, 'Genetic contribution to the relationship between personality and depressive symptoms among older women', **Psychological Medicine**, vol 40, pp. 1357-1366.
- Paulweber, B, Valensi, P, Lindström, J, Lalic, NM, Greaves, CJ, McKee, M, Kissimova-Skarbek, K, Liatis, S, Cosson, E, Szendroedi, J, Sheppard, KE, Charlesworth, K, Felton, A, Hall, M, Rissanen, A, Tuomilehto, J, Schwarz, PE, Roden, M, IMAGE Study Grp, Writing Grp **2010**, 'A European Evidence-Based Guideline for the Prevention of Type 2 Diabetes', **Hormone and Metabolic Research**, vol 42, no. Suppl 1, pp. 3-36.
- Peltola, H, Roine, I, Fernandez, J, Gonzalez Mata, A, Zavala, I, Gonzalez Ayala, S, Arbo, A, Bologna, R, Goyo, J, Lopez, E, Mino, G, de Andrade, SD, Sarna, S, Jauhainen, T **2010**, 'Hearing Impairment in Childhood Bacterial Meningitis Is Little Relieved by Dexamethasone or Glycerol', **Pediatrics (English Edition)**, vol 125, no. 1, pp. e1-e8.
- Pietiläinen, O, Laaksonen, M, Pitkaniemi, JM, Rahkonen, O, Lahelma, E **2010**, 'Changes of occupational class differences in physical functioning: a panel study among employees (2000-2007)', **Journal of epidemiology and community health**.
- Portman, M, Penttilä, A, Haukka, J, Eriksson, P, Alho, H, Kuoppasalmi, K **2010**, 'Predicting DUI recidivism of male drunken driving: A prospective study of the impact of alcohol markers and previous drunken driving', **Drug and Alcohol Dependence**, vol 106, no. 2-3, pp. 186-192.
- Pärssinen, O, Jauhonen, H, Kauppinen, M, Kaprio, J, Koskenvuo, M, Rantanen, T **2010**, 'Heritability of spherical equivalent: A population-based twin study among 63- to 76-year-old female twins', **Ophthalmology**, vol 117, pp. 1908-1911.
- Qiao, Q, Pang, Z, Gao, W, Wang, S, Dong, Y, Zhang, L, Nan, H, Ren, J **2010**, 'A large-scale diabetes prevention program in real-life settings in Qingdao of China (2006-2012)', **Primary Care Diabetes**, vol 4, pp. 99-103.
- Qiao, Q, Nyamdorj, R **2010**, 'The optimal cutoff values and their performance of waist circumference and waist-to-hip ratio for diagnosing type II diabetes', **European Journal of Clinical Nutrition**, vol 64, no. 1, pp. 23-29.
- Remes, L, Isoaho, R, Vahlberg, T, Viitanen, M, Koskenvuo, M, Rautava, P **2010**, 'Quality of life three years after major lower extremity amputation due to peripheral arterial disease', **Aging Clinical and Experimental Research**, vol 22, no. 5-6, pp. 395-405.
- Rintakoski, K, Ahlberg, JP, Hublin, C, Broms, UH, Madden, P, Könönen, M, Koskenvuo, M, Lobbezoo, F, Kaprio, J **2010**, 'Bruxism is associated with nicotine dependence: a nationwide Finnish Twin Cohort Study', **Nicotine & Tobacco Research**, vol 12, no. 12, pp. 1254-1260.
- Rouhos, A, Ekroos, H, Karjalainen, J, Sarna, S, Haahtela, T, Sovijärvi, ARA **2010**, 'Smoking attenuates increase in exhaled nitric oxide in atopic but not in nonatopic young adults with asthma', **International Archives of Allergy and Immunology**, vol 152, no. 3, pp. 226-232.
- Rovio, S, Spulber, G, Nieminen, LJ, Niskanen, E, Winblad, B, Tuomilehto, J, Nissinen, A, Soininen, H, Kivipelto, M **2010**, 'The effect of midlife physical activity on structural brain changes in the elderly', **Neurobiology of Aging**, vol 31, no. 11, pp. 1927-1936.
- Rusanen, M, Rovio, S, Ngandu, T, Nissinen, A, Tuomilehto, J, Soininen, H, Kivipelto, M **2010**, 'Midlife smoking, apolipoprotein E and risk of dementia and Alzheimer's disease: a population-based cardiovascular risk factors, aging and dementia study', **Dementia and Geriatric Cognitive Disorders**, vol 30, pp. 277-284.
- Saaristo, T, Moilanen, L, Jokelainen, J, Korpi-Hyövälti, E, Vanhala, M, Saltevo, J, Niskanen, L, Peltonen, M, Oksa, H, Cederberg, H, Tuomilehto, J, Uusitupa, M, Keinänen-Kiukaanniemi, S **2010**, 'Cardiometabolic profile of people screened for high risk of type 2 diabetes in a national diabetes prevention programme (FIN-D2D)', **Primary Care Diabetes**, vol 4, pp. 231-239.
- Saaristo, T, Moilanen, L, Jokelainen, J, Oksa, H, Korpi-Hyövälti, E, Saltevo, J, Vanhala, M, Niskanen, L, Peltonen, M, Tuomilehto, J, Uusitupa, M, Keinänen-Kiukaanniemi, S **2010**, 'Diabetesriskiä voidaan vähentää perusterveydenhuollon keinoin: Taudin ilmaantuvuus pieni D2D-hankkeessa', **Suomen lääkärilehti**, vol 65, pp. 2369-2379.
- Salomaa, KA, Kosunen, TU, Aromaa, ARJ, Knekt, P, Sarna, S, Rautelin, H **2010**, 'A "Screen-and-Treat" Approach for Helicobacter pylori Infection: A Population-Based Study in Vammala, Finland', **Helicobacter (Oxford)**, vol 15, no. 1, pp. 28-37.
- Salopuro, T, Saaristo, T, Korpi-Hyövälti, E, Oksa, H, Keinänen-Kiukaanniemi, S, Saltevo, J, Vanhala, M, Niskanen, L, Moltchanova, E, Sundvall, J, Tuomilehto, J, Uusitupa, M, Peltonen, M **2010**, 'Lihavuuden ja glukoosi-aineenvaihdunnan häiriöiden esiintyvyydessä on selviä alueellisia eroja Suomessa: D2D-hankkeen tuloksia', **Suomen lääkärilehti**, vol 65, no. 26-31, pp. 2381-2388.
- Sarlio-Lähteenkorva, S, Silventoinen, K, Jousilahti, PJ, Hu, G, Tuomilehto, J **2010**, 'The association between thinness and socio-economic disadvantage, health indicators, and adverse health behaviour', **International Journal of Obesity**, vol 28, no. 4, pp. 568-573.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

- Saxena, R, Hivert, M, Langenberg, C, Tanaka, T, Pankow, JS, Vollenweider, P, Lyssenko, V, Bouatia-Naji, N, Dupuis, J, Jackson, AU, Kao, WHL, Li, M, Glazer, NL, Manning, AK, Luan, J, Stringham, HM, Prokopenko, I, Johnson, T, Grarup, N, Boesgaard, TW, Lecoeur, C, Shraider, P, O'Connell, J, Ingelsson, E, Couper, DJ, Rice, K, Song, K, Andreassen, CH, Dina, C, Koettgen, A, Le Bacquer, O, Pattou, F, Taneera, J, Steinthorsdottir, V, Rybin, D, Ardlie, K, Sampson, M, Qi, L, van Hoek, M, Weedon, MN, Aulchenko, YS, Voight, BF, Grallert, H, Balkau, B, Bergman, RN, Bielinski, SJ, Bonnefond, A, Bonnycastle, LL, Borch-Johnsen, K, Boettcher, Y, Brunner, E, Buchanan, TA, Bumpstead, SJ, Cavalcanti-Proenca, C, Charpentier, G, Chen, YI, Chines, PS, Collins, FS, Cornelis, M, Crawford, GJ, Delplanque, J, Doney, A, Egan, JM, Erdos, MR, Firmann, M, Forouhi, NG, Fox, CS, Goodarzi, MO, Graessler, J, Hingorani, A, Isomaa, B, Jorgensen, T, Kivimäki, M, Kovacs, P, Krohn, K, Kumari, M, Lauritzen, T, Levy-Marchal, C, Mayor, V, McAteer, JB, Meyre, D, Mitchell, BD, Mohlke, KL, Morken, MA, Narisu, N, Palmer, CNA, Pakyz, R, Pascoe, L, Payne, F, Pearson, D, Rathmann, W, Sandbaek, A, Sayer, AA, Scott, LJ, Sharp, SJ, Sijbrands, E, Singleton, A, Siscovick, DS, Smith, NL, Sparso, T, Swift, AJ, Syddall, H, Thorleifsson, G, Toenjes, A, Tuomi, T, Tuomilehto, J, Valle, TT, Waeber, G, Walley, A, Waterworth, DM, Zeggini, E, Zhao, JH, Illig, T, Wichmann, HE, Wilson, JF, van Duijn, C, Hu, FB, Morris, AD, Frayling, TM, Hattersley, AT, Thorsteinsdottir, U, Stefansson, K, Nilsson, P, Syvanen, A, Shuldiner, AR, Walker, M, Bornstein, SR, Schwarz, P, Williams, GH, Nathan, DM, Kuusisto, J, Laakso, M, Cooper, C, Marmot, M, Ferrucci, L, Mooser, V, Stumvoll, M, Loos, RJF, Altshuler, D, Psaty, BM, Rotter, JI, Boerwinkle, E, Hansen, T, Pedersen, O, Florez, JC, McCarthy, MI, Boehnke, M, Barroso, I, Sladek, R, Froguel, P, Meigs, JB, Groop, L, Wareham, NJ, Watanabe, RM, GIANT Consortium, MAGIC Investigators **2010**, 'Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge', *Nature Genetics*, vol 42, no. 2, pp. 142-148.
- Schönberg-Norio, D, Mattila, L, Lauhio, RA, Katila, M, Kaukoranta, S, Koskela, M, Pajarre, S, Uksila, J, Eerola, E, Sarna, S, Rautelin, HI **2010**, 'Patient-reported complications associated with Campylobacter jejuni infection', *Epidemiology and Infection*, vol 138, no. 7, pp. 1004-1011.
- Simmons, R, Alberti, K, Gale, E, Colagiuri, S, Tuomilehto, J, Qiao, Q, Ramachandran, A, Tajima, N, Mirchov, I, Ben-Nakhi, A, Reaven, G, Hama Samba, B, Mendis, S **2010**, 'The metabolic syndrome: useful concept of clinical tool?: Report of a WHO Expert Consultation', *Diabetologia*, vol 53, pp. 600-605.
- Sistonen, S, Malmberg, LP, Malmstrom, K, Haahtela, T, Sarna, S, Rintala, R, Pakarinen, M **2010**, 'Repaired oesophageal atresia: respiratory morbidity and pulmonary function in adults', *European Respiratory Journal*, vol 36, no. 5, pp. 1106-1112.
- Sistonen, S, Koivusalo, A, Nieminen, U, Lindahl, HG, Lohi, J, Kero, M, Kärkkäinen, PA, Färkkilä, M, Sarna, S, Rintala, R, Pakarinen, M **2010**, 'Esophageal Morbidity and Function in Adults With Repaired Esophageal Atresia With Tracheoesophageal Fistula A Population-Based Long-term Follow-up', *Annals of Surgery*, vol 251, no. 6, pp. 1167-1173.
- Speliotes, EK, Willer, CJ, Berndt, SI, Monda, KL, Thorleifsson, G, Jackson, AU, Allen, HL, Lindgren, CM, Luan, J, Maegi, R, Randall, JC, Vedantam, S, Winkler, TW, Qi, L, Workalemahu, T, Heid, IM, Steinthorsdottir, V, Stringham, HM, Weedon, MN, Wheeler, E, Wood, AR, Ferreira, T, Weyant, RJ, Segre, AV, Estrada, K, Liang, L, Nemesh, J, Park, J, Gustafsson, S, Kilpeläinen, TO, Yang, J, Bouatia-Naji, N, Esko, T, Feitosa, MF, Kutalik, Z, Mangino, M, Raychaudhuri, S, Scherag, A, Smith, AV, Welch, R, Zhao, JH, Aben, KK, Absher, DM, Amin, N, Dixon, AL, Fisher, E, Glazer, NL, Goddard, ME, Heard-Costa, NL, Hoesel, V, Hottenga, J, Johansson, A, Johnson, T, Ketkar, S, Lamina, C, Li, S, Moffatt, MF, Myers, RH, Narisu, N, Perry, JRB, Peters, MJ, Preuss, M, Ripatti, S, Rivadeneira, F, Sandholt, C, Scott, LJ, Timpson, NJ, Tyrer, JP, van Wingerden, S, Watanabe, RM, White, CC, Wiklund, F, Barlassina, C, Chasman, DI, Cooper, MN, Jansson, J, Lawrence, RW, Pellikka, N, Prokopenko, I, Shi, J, Thiering, E, Alavere, H, Alibrandi, MTS, Almgren, P, Arnold, AM, Asselund, T, Atwood, LD, Balkau, B, Balmforth, AJ, Bennett, AJ, Ben-Shlomo, Y, Bergman, RN, Bergmann, S, Biebermann, H, Blakemore, ALF, Boes, T, Bonnycastle, LL, Bornstein, SR, Brown, MJ, Buchanan, TA, Busonero, F, Campbell, H, Cappuccino, FP, Cavalcanti-Proenca, C, Chen, YI, Chen, C, Chines, PS, Clarke, R, Coin, L, Connell, J, Day, INM, den Heijer, M, Duan, J, Ebrahim, S, Elliott, P, Elosua, R, Eiriksdoottir, G, Erdos, MR, Eriksson, JG, Facheris, MF, Felix, SB, Fischer-Posovszky, P, Folsom, AR, Friedrich, N, Freimer, NB, Fu, M, Gaget, S, Gejman, PV, Geus, EJC, Gieger, C, Gjesing, AP, Goel, A, Goyette, P, Grallert, H, Graessler, J, Greenawald, DM, Groves, CJ, Gudnason, V, Guiducci, C, Hartikainen, A, Hassanali, N, Hall, AS, Havulinna, AS, Hayward, C, Heath, AC, Hengstenberg, C, Hicks, AA, Hinney, A, Hofman, A, Homuth, G, Hui, J, Igl, W, Iribarren, C, Isomaa, B, Jacobs, KB, Jarick, I, Jewell, E, John, U, Jorgensen, T, Jousilahti, P, Jula, A, Kaakinen, M, Kajantie, E, Kaplan, LM, Kathiresan, S, Kettunen, J, Kinnunen, L, Knowles, JW, Kolcic, I, Koenig, IR, Koskinen, S, Kovacs, P, Kuusisto, J, Kraft, P, Kvaloy, K, Laitinen, J, Lantieri, O, Lanzani, C, Launer, LJ, Lecoeur, C, Lehtimäki, T, Lettre, G, Liu, J, Lokki, M, Lorentzon, M, Luben, RN, Ludwig, B, Manunta, P, Marek, D, Marre, M, Martin, NG, McArdle, WL, McCarthy, A, McKnight, B, Meitinger, T, Melander, O, Meyre, D, Midtjell, K, Montgomery, GW, Morken, MA, Morris, AP, Mulic, R, Ngwa, JS, Nelis, M, Neville, MJ, Nyholt, DR, O'Donnell, CJ, O'Rahilly, S, Ong, KK, Oostra, B, Pare, G, Parker, AN, Perola, M, Pichler, I, Pietiläinen, KH, Platou, CGP, Polasek, O, Pouta, A, Rafelt, S, Raitakari, O, Rayner, NW, Ridderstrale, M, Rief, W, Ruokonen, A, Robertson, NR, Rzehak, P, Salomaa, V, Sanders, AR, Sandhu, MS, Sanna, S, Saramies, J, Savolainen, MJ, Scherag, S, Schipf, S, Schreiber, S, Schunkert, H, Silander, K, Sinişalo, J, Siscovick, DS, Smit, JH, Soranzo, N, Sovio, U, Stephens, J, Surakka, I, Swift, AJ, Tammesoo, M, Tardif, J, Teder-Laving, M, Teslovich, TM, Thompson, JR, Thomson, B, Toenjes, A, Tuomi, T, van Meurs, JBJ, van Ommen, G, Vatın, V, Viikari, J, Visvikis-Siest, S, Vitart, V, Vogel, CIG, Voight, BF, Waite, LL, Wallaschofski, H, Walters, GB, Widen, E, Wiegand, S, Wild, SH, Willemssen, G, Witte, DR, Witterman, JC, Xu, J, Zhang, Q, Zgaga, L, Ziegler, A, Zitting, P, Beilby, JP, Farooqi, IS, Hebebrand, J, Huikuri, HV, James, AL, Kähönen, M, Levinson, DF, Macciardi, F, Nieminen, MS, Ohlsson, C, Palmer, LJ, Ridker, PM, Stumvoll, M, Beckmann, JS, Boeing, H, Boerwinkle, E, Boomsma, DI, Caulfield, MJ, Chanock, SJ, Collins, FS, Cupples, LA, Smith, GD, Erdmann, J, Froguel, P, Greonberg, H, Gyllensten, U, Hall, P, Hansen, T, Harris, TB, Hattersley, AT, Hayes, RB, Heinrich, J, Hu, FB, Hveem, K, Illig, T, Jarvelin, M, Kaprio, J, Karpe, F, Khaw, K, Kiemeny, LA, Krude, H, Laakso, M, Lawlor, DA, Metspalu, A, Munroe, PB, Ouwehand, WH, Pedersen, O, Penninx, BW, Peters, A, Pramstaller, PP, Quertermous, T, Reinehr, T, Rissanen, A, Rudan, I, Samani, NJ, Schwarz, PEH, Shuldiner, AR, Spector, TD, Tuomilehto, J, Uda, M, Uitterlinden, A, Valle, TT, Wabitsch, M, Waeber, G, Wareham, NJ, Watkins, H, Wilson, JF, Wright, AF, Zillikens, MC, Chatterjee, N, McCarroll, SA, Purcell, S, Schadt, EE, Visscher, PM, Assimes, TL, Borecki, IB, Deloukas, P, Fox, CS, Groop, LC, Haritunians, T, Hunter, DJ, Kaplan, RC, Mohlke, KL, O'Connell, JR, Peltonen, L, Schlessinger, D, Strachan, DP, van Duijn, CM, Wichmann, H, Frayling, TM, Thorsteinsdottir, U, Abecasis, GR, Barroso, I, Boehnke, M, Stefansson, K, North, KE, McCarthy, MI, Hirschhorn, JN, Ingelsson, E, Loos, RJF, MAGIC **2010**, 'Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index', *Nature Genetics*, vol 42, no. 11, pp. 937-948.



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

#### PURE/Tuomilehto

- Stjernberg-Salmela, S, Ranki, A, Karenko, L, Siitonen, S, Mustonen, H, Puolakainen, P, Sarna, S, Pettersson, T, Repo, H **2010**, 'Low TNF-induced NF-kappa B and p38 phosphorylation levels in leucocytes in tumour necrosis factor receptor-associated periodic syndrome', **Rheumatology (Basel)**, vol 49, no. 2, pp. 382-390.
- Tuomikoski, P, Haapalahti, P, Sarna, S, Ylikorkala, O, Mikkola, TS **2010**, 'Vasomotor hot flushes and 24-hour ambulatory blood pressure in normotensive women: A placebo-controlled trial on post-menopausal hormone therapy', **Annals of Medicine**, vol 42, no. 5, pp. 334-343.
- Tuomilehto, J, Lindström, J, Hellmich, M, Lehmacher, W, Westermeier, T, Evers, T, Bruckner, A, Pelttonen, M, Qiao, Q, Chiasson, J **2010**, 'Development and validation of a risk-score model for subjects with impaired glucose tolerance for the assessment of the risk of type 2 diabetes mellitus: The STOP-NIDDM risk-score', **Diabetes Research and Clinical Practice**, vol 87, pp. 267-274.
- Virta, JJ, Jarvenpaa, T, Heikkila, K, Perola, M, Koskenvuo, M, Raiha, I, Rinne, JO, Kaprio, J **2010**, 'Midlife Alcohol Consumption and Later Risk of Cognitive Impairment: A Twin Follow-up Study', **Journal of Alzheimer's Disease**, vol 22, pp. 939-948.
- Voight, BF, Scott, LJ, Steinthorsdottir, V, Morris, AP, Dina, C, Welch, RP, Zeggini, E, Huth, C, Aulchenko, YS, Thorleifsson, G, McCulloch, LJ, Ferreira, T, Grallert, H, Amin, N, Wu, G, Willer, CJ, Raychaudhuri, S, McCarroll, SA, Langenberg, C, Hofmann, OM, Dupuis, J, Qi, L, Segre, AV, van Hoek, M, Navarro, P, Ardlie, K, Balkau, B, Benediktsson, R, Bennett, AJ, Blagieva, R, Boerwinkle, E, Bonnycastle, LL, Bostrom, KB, Bravenboer, B, Bumpstead, S, Burt, NP, Charpentier, G, Chines, PS, Cornelis, M, Couper, DJ, Crawford, G, Doney, ASF, Elliott, KS, Elliott, AL, Erdos, MR, Fox, CS, Franklin, CS, Ganser, M, Gieger, C, Grarup, N, Green, T, Griffin, S, Groves, CJ, Guiducci, C, Hadjadj, S, Hassanali, N, Herder, C, Isomaa, B, Jackson, AU, Johnson, PRV, Jorgensen, T, Kao, WHL, Klopp, N, Kong, A, Kraft, P, Kuusisto, J, Lauritzen, T, Li, M, Lieveise, A, Lindgren, CM, Lyssenko, V, Marre, M, Meitinger, T, Midtjell, K, Morken, MA, Narisu, N, Nilsson, P, Owen, KR, Payne, F, Perry, JRB, Petersen, A, Platou, C, Proenca, C, Prokopenko, I, Rathmann, W, Rayner, NW, Robertson, NR, Rocheleau, G, Roden, M, Sampson, MJ, Saxena, R, Shields, BM, Shriver, P, Sigurdsson, G, Sparso, T, Strassburger, K, Stringham, HM, Sun, Q, Swift, AJ, Thorand, B, Tichet, J, Tuomi, T, van Dam, RM, van Haeften, TW, van Herpt, T, van Vliet-Ostapchouk, JV, Walters, GB, Weedon, MN, Wijmenga, C, Witteman, J, Bergman, RN, Cauchi, S, Collins, FS, Gloyn, AL, Gyllenstein, U, Hansen, T, Hide, WA, Hitman, GA, Hofman, A, Hunter, DJ, Hveem, K, Laakso, M, Mohlke, KL, Morris, AD, Palmer, CNA, Pramstaller, PP, Rudan, I, Sijbrands, E, Stein, LD, Tuomilehto, J, Uitterlinden, A, Walker, M, Wareham, NJ, Watanabe, RM, Abecasis, GR, Boehm, BO, Campbell, H, Daly, MJ, Hattersley, AT, Hu, FB, Meigs, JB, Pankow, JS, Pedersen, O, Wichmann, H, Barroso, I, Florez, JC, Frayling, TM, Groop, L, Sladek, R, Thorsteinsdottir, U, Wilson, JF, Illig, T, Froguel, P, van Duijn, CM, Stefansson, K, Alshuler, D, Boehnke, M, McCarthy, MI, GIANT Consortium, MAGIC Investigators **2010**, 'Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis', **Nature Genetics**, vol 42, no. 7, pp. 579-U155.
- Volanen, S, Suominen, S, Lahelma, E, Koskenvuo, K, Koskenvuo, M, Silventoinen, K **2010**, 'Sense of coherence and intentions to retire early among Finnish women and men', **BMC Public Health**, vol 10, no. 22.
- Vuorinen, HS **2010**, 'Water, toilets and public health in the Roman era', **Water Science and Technology: Water Supply**, vol 10, no. 3, pp. 411-415.
- Waller, K, Kujala, UM, Kaprio, J, Koskenvuo, M, Rantanen, T **2010**, 'Effect of Physical Activity on Health in Twins: A 30-yr Longitudinal Study', **Medicine and Science in Sports and Exercise**, vol 42, pp. 658-664.
- Waller, K, Kujala, UM, Rantanen, T, Kauppinen, M, Silventoinen, K, Koskenvuo, M, Kaprio, J **2010**, 'Physical activity, morbidity and mortality in twins: a 24-year prospective follow-up', **European Journal of Epidemiology**, vol 25, no. 10, pp. 731-739.
- Waller, K, Kaprio, J, Lehtovirta, M, Silventoinen, K, Koskenvuo, M, Kujala, UM **2010**, 'Leisure-time physical activity and type 2 diabetes during a 28 year follow-up in twins', **Diabetologia**, vol 53, no. 12, pp. 2531-2537.
- Wang, Y, Tuomilehto, J, Jousilahti, P, Antikainen, R, Mähönen, M, Katzmarzyk, PT, Hu, G **2010**, 'Occupational, commuting, and leisure-time physical activity in relation to heart failure among Finnish men and women', **Journal of the American College of Cardiology**, vol 56, no. 14, pp. 1140-1148.
- Zhang, L, Qiao, Q, Tuomilehto, J, Janus, ED, Lam, TH, Ramachandran, A, Stehouwer, CD, Dong, Y, Nakagami, T, Onat, A, Södeberg, S, The DECODE/DECODIA Study Group **2010**, 'Distinct ethnic differences in lipid profiles across glucose categories', **Journal of Clinical Endocrinology and Metabolism**, vol 95, no. 4, pp. 1793-1801.
- Zhou, X, Pang, Z, Gao, W, Wang, S, Zhang, L, Ning, F, Qiao, Q **2010**, 'Performance of an A1C and fasting capillary blood glucose test for screening newly diagnosed diabetes and pre-diabetes defined by an oral glucose tolerance test in Qindgao, China', **Diabetes Care**, vol 33, no. 3, pp. 545-550.
- Zhou, XH, Qiao, Q, Zethelius, B, Pyörälä, K, Söderberg, S, Pajak, A, Stehouwer, CDA, Heine, RJ, Jousilahti, P, Ruotolo, G, Nilsson, PM, Calori, G, Tuomilehto, J, DECODE Study Grp **2010**, 'Diabetes, prediabetes and cancer mortality', **Diabetologia**, vol 53, pp. 1867-1876.

#### A2 Review in scientific journal

##### **2005**

- Hu, G, Qiao, Q, Tuomilehto, J **2005**, 'The metabolic syndrome and cardiovascular risk', **Current Diabetes Reviews**, vol 2005, no. 1, pp. 137-143.
- Tuomilehto, J, Lindström, J, Qiao, Q **2005**, 'Strategies for the prevention of type 2 diabetes and cardiovascular disease', **European Heart Journal Supplements**, vol 7, no. Suppl D, pp. D18-D22.





INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

**2010**

Bushe, CJ, Taylor, M, Haukka, J **2010**, 'Mortality in schizophrenia: a measurable clinical endpoint', **Journal of Clinical Psychopharmacology**, vol 24, no. 11, pp. 17-25.

Qiao, Q, Nyamadorj, R **2010**, 'Is the association of type II diabetes with waist circumference or waist-to-hip ratio stronger than that with body mass index?', **European Journal of Clinical Nutrition**, vol 64, no. 1, pp. 30-34.

**A3 Contribution to book/other compilations (refereed)**

**2005**

Hu, G, Qiao, Q, Tuomilehto, J **2005**, 'Metabolic Syndrome, Diabetes and Coronary heart disease', **Coronary Heart Disease Epidemiology—from aetiology to public health**, 1. edn, vol. 2005, **Oxford University Press**, pp. 311-330.

Tuomilehto, J **2005**, 'A paradigm shift is needed in the primary prevention of type 2 diabetes', in M Ganz (ed.), **Prevention of type 2 diabetes**, **John Wiley and Sons, Inc, Whiltshire**, pp. 153-168.

Tuomilehto, J, Lindström, J **2005**, 'The major diabetes prevention trials', in A Lakhdar, G Gill (eds), **Diabetes in the Arab World, Dubai: Communications Ltd, Ingraphics**, pp. 135-152.

Tuomilehto, J, Lindström, J **2005**, 'Lihavuus ja diabetes', **Lihavuus - painavaa asiaa painosta, Vammalan kirjapaino, Vammala**.

Tuomilehto, J, Hu, G, Qiao, Q **2005**, 'Management of cardiovascular risk factors in patients with the metabolic syndrome and type 2 diabetes', **Diabetes and Cardiovascular Disease**, 1. edn, vol. 2005, **WoltersKluwer Health, UK**.

**2006**

Hu, G, Lakka, T, Lakka, H, Tuomilehto, J **2006**, 'Obesity, physical activity, and nutrition in the metabolic syndrome', in A Krentz, N Wong (eds), **Metabolic syndrome and cardiovascular disease, Taylor & Francis Group**, pp. 243-279.

Tuomilehto, J **2006**, 'Prospects for predicting and preventing the development of type 2 diabetes', **Diabetes, Elsevier, Edinburgh**, pp. 201-208.

**2007**

Hu, G, Lakka, TA, Lakka, H, Tuomilehto, J **2007**, 'Obesity, physical activity, and nutrition in the metabolic syndrome', in A Krentz, N Wong (eds), **Metabolic syndrome and cardiovascular disease. Epidemiology, Assessment, and Management, Informa healthcare, New York**, pp. 241-277.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Introduction: [modern urban infrastructure]', **Environmental history of water, IWA Publishing, London**, pp. 265-270.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Introduction: [future challenges in water supply and sanitation services and environmental health]', **Environmental history of water, IWA Publishing, London**, pp. 509-510.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Conclusions: does history matter? : present water governance challenges and future implications', **Environmental history of water, IWA Publishing, London**, pp. 589-592.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Water is the beginning of all: global water services and challenges', **Environmental history of water, IWA Publishing, London**, pp. 3-8.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Conclusions: [early systems and innovations]', **Environmental history of water, IWA Publishing, London**, pp. 93-96.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Epilogue: local solutions based on local conditions', **Environmental history of water, IWA Publishing, London**, pp. 593-598.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Introduction: early cultures and water : [early systems and innovations]', **Environmental history of water, IWA Publishing, London**, pp. 11-16.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Conclusions: [modern urban infrastructure]', **Environmental history of water, IWA Publishing, London**, pp. 501-506.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Introduction: [period of slow development]', **Environmental history of water, IWA Publishing, London**, pp. 99-102.

Juuti, PS, Katko, TS, Vuorinen, HS **2007**, 'Conclusions: [period of slow development]', **Environmental history of water, IWA Publishing, London**, pp. 259-262.

Juuti, P, Katko, T, Mäki, H, Nyanchaga, EN, Rautanen, S, Vuorinen, HS **2007**, 'Governance of water and environmental services in long-term perspectives: epilogue', **Governance in water sector, 2007, [Tampere]**, pp. 187-191.

Vuorinen, HS **2007**, 'The medical identification of new health hazards transmitted by water', in P Juuti, T Katko, H Vuorinen (eds), **Environmental history of water, IWA Publishing, London**, pp. 489-500.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

Vuorinen, HS, Juuti, P, Katko, T 2007, 'Water and health: from ancient civilizations to modern times', in P Juuti, T Katko, H Mäki, E Nyanhaga, S Rautanen, H Vuorinen (eds), **Governance in water sector. Comparing development in Kenya, Nepal, South Africa and Finland.**, Tampere University Press, Tampere, pp. 177-186.

Vuorinen, HS, Heinonen-Guzejev, M 2007, 'Melu', **Ympäristöterveys, Duodecim, Helsinki**, pp. 124-132.

Vuorinen, HS 2007, 'History of plague epidemics in Finland: Histoire des epidemies de peste en Finlande', **Peste, Firenze University Press, Firenze**, pp. 53-56.

Vuorinen, HS 2007, 'Water and health in antiquity: Europe's legacy', **Environmental history of water, IWA Publishing, London**, pp. 45-68.

**2009**

Hu, G, Lakka, TA, Tuomilehto, J 2009, 'Physical activity, fitness, and the prevention of type 2 diabetes', **Epidemiologic methods in physical activity studies / edited by I-Min Lee. section editors, Steven N. Blair, JoAnn E. Manson, Ralph S. Paffenbarger Jr.**, Oxford University Press, Oxford, pp. 201-224.

Hu, G, Lakka, TA, Barengo, NC, Tuomilehto, J 2009, 'Exercise and type 2 diabetes prevention', in ATLE (ed.), **Handbook of type 2 diabetes in the middle aged and elderly**, Nova Science Publishers., New York, pp. 93-111.

Tuomilehto, J, Lindström, J, Silventoinen, K 2009, 'Obesity and prevention of type 2 diabetes', in EAHBSK (ed.), **Obesity and diabetes, Wiley diabetes in practice series, Wiley-Blackwell, cop., Chichester**, pp. 68-85.

**2010**

Gabriel, R, Acosta, T, Arnal, R, Fernandez, A, Cantalejo, A, Sanchez, E, Ruiz, L, Tuomilehto, J 2010, 'Screening and prevention of type 2 diabetes using lifestyle modifications in Spain: De-PLAN Project Spain', in P Schwarz, P Reddy, C Greaves, J Dunbar, J Schwarz (eds), **Diabetes Prevention in Practice, Tumaini, Dresden**, pp. 141-147.

Hu, G, Tuomilehto, J 2010, 'Diet and exercise in the prevention and treatment of diabetes and coronary heart disease', in P Toth (ed.), **The year in Lipid disorders, The Year in Lipid Disorders, vol. 2, Oxford: Clinical Publishing**, pp. 46-59.

Lindström, J, Tuomilehto, J 2010, 'The short history of diabetes prevention through lifestyle intervention', in P Schwarz, P Reddy, C Greaves, J Dunbar, J Schwarz (eds), **Diabetes Prevention in Practice, Tumaini, Dresden**, pp. 9-18.

**A4 Article in conference publication (refereed)**

**2005**

Tiihonen, J, Wahlbeck, K, Lonqvist, J, Klaukka, T, Ioannidis, JPA, Volavka, J, Haukka, J 2005, *Effectiveness of antipsychotic treatments in first-episode schizophrenia*, European Neuropsychopharmacology 15 ELSEVIER BV.

Ukkola, JK, Suvisaari, JM, Saarni, S, Pirkola, S, Haukka, J, Lonqvist, J 2005, *How to screen psychoses in general population?*, Schizophrenia bulletin 31 OXFORD UNIVERSITY PRESS..

Vuorinen, HS 2005, 'Diseases in pre-industrial Finland', in **Proceedings of the 38th International Congress on the History of Medicine**, pp. 1131-1135.

**2006**

Juuti, PS, Katko, TS, Vuorinen, HS 2006, 'Environmental History of Water: Global View of Community Water Supply and Sanitation', in **1st IWA International Symposium on Water and Wastewater Technologies in Ancient Civilizations**, pp. 631-636.

Sihvo, S, Sevon, T, Haukka, J, Hemminki, E, Keskimäki, I, Lumme, S, McCallum, A, Wahlbeck, K 2006, *Persistence of antidepressant use in Finland: A register-linkage study, 1994-2003*, Pharmacoepidemiology and Drug Safety 15 JOHN/WILEY & SONS LTD..

Sihvo, S, Sevon, T, Haukka, J, Hemminki, E, Keskimäki, I, Lumme, S, McCallum, A, Wahlbeck, K 2006, *Antidepressant use among children and adolescent in Finland: A register-linkage study, 1994-2003*, Pharmacoepidemiology and Drug Safety 15 JOHN/WILEY & SONS LTD..

Vuorinen, HS 2006, 'Water and health in Hippocratic writings', in **40th International Congress on the History of Medicine**, pp. 437-440.

**2008**

Rintamäki, R, Grimaldi, S, Englund, A, Haukka, J, Partonen, T, Reunanen, A, Aromaa, A, Lonqvist, J 2008, *Seasonal changes in mood and behaviour are a proxy to metabolic syndrome*, European Psychiatry 23 ELSEVIER FRANCE.

**B1 Unrefereed journal article**

**2005**



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

Hakkarainen, R, Partonen, T, Haukka, J, Virtamo, J, Albanes, D, Lonnqvist, J **2005**, 'Omega-3 fatty acids and depression - Reply', **American Journal of Psychiatry**, vol 162, pp. 402-403.

Mentula, P, Kylänpää, M, Kemppainen, E, Jansson, S, Sarna, S, Puolakkainen, P, Haapiainen, R, Repo, H **2005**, 'Elinvaurion varhainen ennustaminen akuutissa haimatulehduksessa', **Duodecim**, vol 121, no. 12, pp. 1331.

Pajunen, P, Koukkunen, H, Ketonen, M, Jerkkola, T, Immonen-Räihä, P, Kärjä-Koskenkari, P, Mähönen, M, Niemelä, M, Kuulasmaa, K, Torppa, J, Vuorenmaa, T, Lehtonen, A, Miettinen, H, Mustonen, J, Palomäki, P, Arstila, M, Tuomilehto, J, Kesäniemi, YA, Pyörälä, K, Salomaa, V **2005**, 'Sydäninfarktidiaagnoosin luotettavuus hoitoilmoitus- ja kuolemansyrekisterissä vuosina 1988-2002', **Suomen lääkärilehti**, vol 60, no. 39, pp. 3883-3887.

Riusala, A, Sarna, S, Immonen, I **2005**, 'Visual acuity and structural findings in old age-related macular degeneration', **Graefe's Archive for Clinical and Experimental Ophthalmology**, vol 243, no. 9, pp. 947-950.

Smyth, DJ, Howson, JMM, Lowe, CE, Walker, NM, Lam, AC, Nutland, S, Hutchings, J, Tuomilehto-Wolf, E, Tuomilehto, J, Guja, C, Ionescu-Tirgoviste, C, Undlien, DE, Rønningen, KS, Savage, D, Dunger, DB, Twells, RCJ, McArdle, WL, Strachan, DP, Todd, JA **2005**, 'Assessing the validity of the association between the SUMO4 M55V variant and risk of type 1 diabetes: [Letter]', **Nature Genetics**, vol 37, no. 2, pp. 110-111.

Verkasalo, PK, Lillberg, K, Stevens, RG, Hublin, C, Partinen, M, Koskenvuo, M, Kaprio, J **2005**, 'Sleep duration and breast cancer: A prospective cohort study', **Epidemiology**, vol 16, pp. 115-115.

**2006**

Harjutsalo, V, Tuomilehto, J **2006**, 'Type 1 diabetes and autism: is there a link? : [letter]', **Diabetes Care**, vol 29, no. 2, pp. 484-485.

Järvenpää, T, Rinne, JO, Koskenvuo, M, Raiha, I, Kaprio, J **2006**, 'Binge drinking and dementia - The authors respond', **Epidemiology**, vol 17, pp. 484-485.

Patja, K, Jousilahti, PJ, Hu, G, Vallenius, TK, Qiao, Q, Tuomilehto, J **2006**, 'Tobacco smoke, systemic inflammation and the risk of type 2 diabetes', **Journal of Internal Medicine**, vol 259, pp. 333.

Peltonen, M, Korpi-Hyövälti, E, Oksa, H, Puolijoki, H, Saltevo, J, Vanhala, M, Saaristo, T, Saarikoski, L, Sundvall, J, Tuomilehto, J **2006**, 'Lihavuuden, diabeteksen ja muiden glukoosiainevaihdunnan häiriöiden esiintyvyys suomalaisessa aikuisväestössä: Dehkon 2D-hanke (D2D)', **Suomen lääkärilehti**, vol 61, no. 3, pp. 163-170.

Qiao, Q **2006**, 'Definition and Diagnosis of diabetes mellitus and intermediate hyperglycaemia', **Report of a WHO/IDF Consultation**, vol 2006.

Sarna, S **2006**, 'Lääketieteelliset artikkelit ja biostatistiikka', **Therapia.**, no. 1, pp. 44-50.

Sarna, S **2006**, 'Tilastollinen merkitsevyys vs. kliininen merkittävyys hoitotutkimuksissa', **Therapia.**, no. 2, pp. 34-38.

Tuomilehto, J, Wareham, N **2006**, 'Glucose lowering and diabetes prevention: are they the same?', **Lancet**, vol 368, no. 9543, pp. 1218-1219.

Uusitupa, M, Tuomilehto, J **2006**, 'Tyypin 2 diabetes on ehkäistävässä, ja niksit ovat tiedossa: suomalaistutkimuksen tulokset elämäntapamuutosten tehosta vakuuttavat : [pääkirjoitus]', **Duodecim**, vol 122, no. 22, pp. 2675-2676.

Verkasalo, PK, Lillberg, K, Stevens, RG, Hublin, C, Partinen, M, Koskenvuo, M, Kaprio, J **2006**, 'Sleep duration, melatonin, and breast cancer: Compliment and complement - Response', **Cancer Research**, vol 66, no. 7, pp. 3954-3954.

Volanen, S, Suominen, S, Lahelma, E, Koskenvuo, M, Silventoinen, K **2006**, 'Sense of coherence and its determinants: A comparative study of the Finnish-speaking majority and the Swedish-speaking minority in Finland', **Scandinavian Journal of Public Health**, vol 34, no. 5, pp. 515-525.

**2007**

Ijäs, P, Nuotio, K, Saksi, J, Soine, L, Saimanen, E, Karjalainen-Lindsberg, M, Salonen, O, Sarna, S, Tuimala, J, Kovanen, PT, Kaste, M, Lindsberg, PJ **2007**, 'Mikroverenpuodot ja CD163-HO1-signaaliointi oireilevassa kaukavaltimon ateroskleroosissa: [Arterioscler Thromb Vasc Biol in press]', **Duodecim**, vol 123, pp. 141-142.

Laaksonen, DE, Lindström, J, Tuomilehto, J, Uusitupa, M **2007**, 'Increased physical activity is a cornerstone in the prevention of type 2 diabetes in high-risk individuals', **Diabetologia**, vol 50, no. 12, pp. 2607-2608.

Schwarz, PEH, Li, J, Wegner, H, Bornstein, SR, Lindström, J, Tuomilehto, J **2007**, 'An accurate risk score based on anthropometric, dietary, and lifestyle factors to predict the development of type 2 diabetes: response to Schulze et al', **Diabetes Care**, vol 30, no. 8, pp. e87.

**2008**

Hu, G, Tuomilehto, J, Silventoinen, K, Jousilahti, P **2008**, 'Waist to hip ratio as a supplement to body mass index: [Reply]', **Archives of Internal Medicine**, vol 168, no. 2, pp. 238.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

Korkeila, K, Korkeila, J, Vahtera, J, Sillanmaki, L, Koskenvuo, M **2008**, 'Adult life events increase the risk of Cardiovascular Disease and Depressiveness among those with childhood adversities', **European Psychiatry**, vol 23, pp. 85-85.

Lehtonen, A, Huuopponen, R, Tuomilehto, J, Lavonius, S, Arve, S, Isoaho, H, Huhtaniemi, I, Tilvis, R **2008**, 'Serum testosterone but not leptin predicts mortality in elderly men', **Age and Ageing**, vol 37, no. 4, pp. 461-464.

Lindström, J, Peltonen, M, Tuomilehto, J **2008**, 'Determinants for the effectiveness of lifestyle intervention in the Finnish diabetes prevention study: response to Schulze : [Online Letter]', **Diabetes Care**, vol 31, pp. e88.

Qiao, Q **2008**, 'Post-load hyperglycaemia and diagnostic criteria for diabetes', **Guo ji nei fen mi dai xie za zhi.**, vol 28, no. 1, pp. 13-17.

Tian, X, Pang, Z, Bao, G, Qiao, Q **2008**, '[Analysis on prevalence and influence factors of hyperuricemia among residents in Qingdao]: [Chinese]', **Zhongguo gonggong weisheng.**, vol 24, no. 3, pp. 360-362.

Tian, X, Pang, Z, Bao, G, Qiao, Q **2008**, 'Analysis on prevalence and influence factors of hyperuricemia among residents in Qindgdao', **Zhongguo gonggong weisheng.**, vol 24, no. 3, pp. 360-362.

Tuomilehto, J **2008**, 'Wie erfolgreich ist die Lebensstilmodifikation?', **Diabetes Forum**, no. 2, pp. 14-16.

Xue, B, Pang, Z, Bao, G, Qiao, Q **2008**, 'Analysis on situation and risk factors of overweight and obesity of residents in Qingdao', **Zhongguo gonggong weisheng.**, vol 24, no. 5, pp. 585-586.

Yusuf, S, Sleight, P, Anderson, C, Teo, KK, Copland, I, Ramos, B, Richardson, L, Murphy, J, Haehl, M, Hillbrich, L, Svaerd, R, Martin, K, Murwin, D, Meinicke, T, Schlosser, A, Schmidt, G, Creek, R, Schumacher, H, Distel, M, Aubert, B, Pogue, J, Dyal, L, Schmieder, R, Unger, T, Asmar, R, Mancia, G, Diaz, R, Paolasso, E, Piegas, L, Avezum, A, Dagenais, G, Cardona Munoz, E, Probstfield, J, Weber, M, Young, J, Fagard, R, Jansky, P, Mallion, J, Mann, J, Böhm, M, Eber, B, Karatzas, NB, Keltai, M, Trimarco, B, Verdecchia, P, Maggioni, A, Verheugt, FWA, Holwerda, NJ, Ceremuzynski, L, Budaj, A, Ferreira, R, Chazova, I, Ryden, L, Svendsen, TL, Metsärinne, K, Dickstein, K, Fodor, G, Commerford, P, Redon, J, Luescher, TR, Oto, A, Binbrek, A, Parkhomenko, A, Jennings, G, Liu, LS, Yu, CM, Dans, AL, Shah, R, Kim, J, Chen, J, Chaithiraphan, S, Cairns, J, Wilhelmsen, L, Chalmers, J, Wittes, J, Gent, M, Hennekens, CH, Anderson, N, Yusuf, K, Auger, P, Bernstein, V, Lonn, E, Panju, A, Anand, I, Bigger, JT, Linz, P, Healey, J, Held, C, McGorrian, C, Rokoss, M, Villar, J, McDonald, A, Dyal, L, Afzal, R, Zhao, F, Antikainen, R, Jääskivi, M, Kantola, I, Kastarinen, M, Kohonen-Jalonen, P, Koistinen, A, Lehmus, E, Nuuttila, R, Tuominen, M, Yliharsilä, H, ONTARGET Investigators **2008**, 'Telmisartan, ramipril, or both in patients at high risk for vascular events', **New England Journal of Medicine**, vol 358, no. 15, pp. 1547-1559.

**2009**

Antikainen, R, Strandberg, TE, Tuomilehto, J **2009**, 'Yli 80-vuotiaiden kohonneen verenpaineen lääkehoito kannattaa', **Suomen lääkärilehti**, vol 64, no. 10, pp. 909-913.

Hu, G, Antikainen, R, Jousilahti, P, Kivipelto, M, Tuomilehto, J **2009**, 'Total cholesterol and the risk of Parkinson disease: reply from the authors', **Neurology**, vol 72, no. 9, pp. 860-861.

Mänty, M, Heinonen, A, Viljanen, A, Pajala, S, Koskenvuo, M, Kaprio, J, Rantanen, T **2009**, 'Outdoor and indoor falls as predictors of mobility limitation in older women', **Age and Ageing**, vol 38, no. 6, pp. 757-761.

Pang, Z, Tian, X, Bao, G, Gao, W, Nan, H, Wang, S, Ren, J, Zhang, L, Qiao, Q **2009**, 'Prevalence and risk factors of hypertension among residents aged over 35 in Qingdao city', **Chinese Journal of Public Health**, no. 25.

Paunio, T, Korhonen, T, Hublin, C, Partinen, M, Kivimäki, M, Koskenvuo, M, Kaprio, J **2009**, 'Unen heikko laatu vähentää tyytyväisyyttä elämään: [In press]', **Duodecim**, vol 125, no. 3, pp. 305.

Vuorinen, HS **2009**, 'Sota - nälkä - taudit: oliko Malthus oikeassa?', **Lähde : historiatieteellinen aikakauskirja**, vol 6, pp. 25-39.

Vuorinen, HS **2009**, 'Ilma tautien syynä', **Ilmansuojelu**, no. 2, pp. 18-21.

Vuorinen, HS **2009**, 'Tautien historiaa', **Natura**, vol 46, no. 2, pp. 22-28.

**2010**

Hachinski, V, Donnan, GA, Gorelick, PB, Hacke, W, Cramer, SC, Kaste, M, Fisher, M, Brainin, M, Buchan, AM, Lo, EH, Skolnick, BE, Furie, KL, Hankey, GJ, Kivipelto, M, Morris, J, Rothwell, PM, Sacco, RL, Smith, SC, Wang, Y, Bryer, A, Ford, GA, Iadecola, C, Martins, SCO, Saver, J, Skvortsova, V, Bayley, M, Bednar, MM, Duncan, P, Enney, L, Finklestein, S, Jones, TA, Kalra, L, Kleim, J, Nitkin, R, Teasell, R, Weiller, C, Desai, B, Goldberg, MP, Heiss, W, Saarela, O, Schwamm, LH, Shinohara, Y, Trivedi, B, Wahlgren, N, Wong, LK, Hakim, A, Norrving, B, Prudhomme, S, Bornstein, NM, Davis, SM, Goldstein, LB, Leys, D, Tuomilehto, J **2010**, 'Stroke: working toward a prioritized world agenda', **International Journal of Stroke**, vol 5, no. 4, pp. 238-256.

Qiao, Q **2010**, 'BMI, waist circumference and waist-to-hip ratio: diabetes mellitus type 2 Response', **European Journal of Clinical Nutrition**, vol 64, pp. 1378-1378.

Tuomilehto, J, Nicholls, M **2010**, 'Spotlight: Jaakko Tuomilehto, MD, MPOSc, PhD', **Circulation (Baltimore)**, vol 121, no. 18, pp. F103-F106.

Tuomilehto, J **2010**, 'Tall is beautiful and heart-healthy?', **European Heart Journal**, vol 31, no. 14, pp. 1674-1676.



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

#### PURE/Tuomilehto

Tuomilehto, J, Schwarz, PE **2010**, 'Primary Prevention of Type 2 Diabetes is Advancing towards the Mature Stage in Europe', **Hormone and Metabolic Research**, vol 42, no. suppl. 1, pp. S1-S2.

Uusitupa, M, Lindström, J, Tuomilehto, J **2010**, 'Prevention strategies for type 2 diabetes should be based on evidence-based medical nutrition data', **Diabetologia**, vol 53, no. 8, pp. 1809-1810.

#### **B2 Contribution to book/other compilations (non-refereed)**

##### **2007**

Vuorinen, HS **2007**, 'Sairaus ja terveys', in P Haapala, R Toivo (eds), **Suomen historian kartasto, Karttakeskus**, pp. 98-99.

Vuorinen, HS, Tuomisto, J **2007**, 'Terveysvaarojen historiaa', in H Mussalo-Rauhamaa, W Paile, J Tuomisto, H Vuorinen (eds), **Ympäristöterveys, Duodecim, Helsinki**, pp. 10-18.

Vuorinen, HS **2007**, 'The emergence of the idea of water-borne diseases', in P Juuti, T Katko, H Vuorinen (eds), **Environmental history of water, IWA Publishing, London**, pp. 103-116.

Vuorinen, HS **2007**, 'Sairaus ja terveys 1800-luvulla', in P Haapala, R Toivo (eds), **Suomen historian kartasto, Karttakeskus**, pp. 168-169.

Vuorinen, HS **2007**, 'Tautien historiasta', in P Pohjolainen, O Kallio, L Oulasvirta, T Frisk, T Katko, T Lintonen, K Uusi-Rasi (eds), **Terveys suomalaisessa yhteiskunnassa - ennen, nyt ja tulevaisuudessa, Suomen Dosenttiliiton julkaisuja, no. 3, Tampereen Dosenttisyhdistyksen julkaisu**, no. 2, Juvenes Print, Tampere, Helsinki, pp. 15-23.

Vuorinen, HS **2007**, 'Taikuudesta tieteeksi', in A Pasternack, R Pelkonen, K Eskola, T Haahtela (eds), **Lääkäriksi, Duodecim, Helsinki**, pp. 65-91.

Vuorinen, HS, Mussalo-Rauhamaa, H, Koivusalo, M **2007**, 'Suomen ympäristöterveyden historiaa ja haasteita', in H Mussalo-Rauhamaa, W Paile, J Tuomisto, H Vuorinen (eds), **Ympäristöterveys, Duodecim, Helsinki**, pp. 222-247.

#### **B3 Unrefereed article in conference proceedings**

##### **2005**

Reissell, E, Haukka, J, Minkkinen, S, Laitinen, T, Salonja, M, Pirskanen, A, Palmu, P, Rehn, M, Honkanen, H, Lahtinen, T, Lindqvist, A, Kunnas, T **2005**, *Clinical outcome of chronic asthma*, Value in Health 8 WILEY-BLACKWELL PUBLISHING, INC..

#### **C1 Published scientific monograph**

##### **2006**

Vuorinen, HS **2006**, *Tautinen Suomi 1857-1865*, Tampere University Press, [Tampere].

##### **2009**

Heinonen-Guzejev, M, Vuorinen, HS **2009**, *Liikennemelun terveysvaikutusten tutkiminen*, Suomen ympäristö, no. 5/2009, Ympäristöministeriö, Helsinki.

##### **2010**

Jauhiainen, T, Vuorinen, HS, Heinonen-Guzejev, M **2010**, *Keskonnamura mojud*, Ministry of the Environment, Mtu Okokratt.

#### **C2 Edited book, compilation, conference proceeding or special issue of journal**

##### **2007**

Ceriello, A, Colagiuri, S, Gerich, J, Tuomilehto, J (eds) **2007**, *Guideline for management of postmeal glucose*, International Diabetes Federation, Brussels.

Jauhiainen, T, Vuorinen, HS, Heinonen-Guzejev, M (eds) **2007**, *Ympäristömelun vaikutukset*, Suomen ympäristö, no. 3/2007, Ympäristöministeriö, Helsinki.

Juuti, PS, Katko, TS, Mäki, HR, Nyanchaga, EN, Rautanen, S, Vuorinen, HS (eds) **2007**, *Governance in water sector: comparing development in Kenya, Nepal, South Africa and Finland*, Tampere University Press, ePublications, [Tampere].

Juuti, P, Katko, T, Vuorinen, HS (eds) **2007**, *Environmental history of water: global views on community water supply and sanitation*, IWA Publishing, London.

Mussalo-Rauhamaa, H, Paile, W, Tuomisto, J, Vuorinen, HS, Heinonen-Guzejev, M (eds) **2007**, *Ympäristöterveys*, Duodecim, Helsinki.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

PURE/Tuomilehto

**2009**

Laatikainen, T, Leskinen, R, Peltonen, M, Antikainen, R, Tuomilehto, J, Jousilahti, P, Nissinen, A (eds) **2009**, *Sotiemme veteraanien terveys ja toimintakyky: veteraaniprojekti 2004 raportti*, Helsinki : **Terveyden ja hyvinvoinnin laitos**.

**D2 Article in professional hand or guide book or in a professional data system, or text book material**

**2006**

Jula, A, Kantola, I, Koivisto, P, Luostarinen, E, Mervaala, E, Niskanen, L, Olkinuora, J, Pyörälä, K, Ruskoaho, H, Tikkanen, I, Tuomilehto, J, Fyhrquist, F, Keinänen-Kiukaanniemi, S, Kukkonen-Harjula, K, Majahalme, S, Nieminen, M, Nissinen, A, Pentikäinen, P, Romo, M, Takala, J, Tikkanen, T, Turjanmaa, V **2006**, 'Kohonnut verenpaine: Käypä hoito -suosituksen tiivistelmä', **Kohonnut verenpaine. Käypä hoito -suosituksen tiivistelmä**, vol. 122.

**D4 Published development or research report**

**2010**

Haukka, J **2010**, *Rattijuopon profiili ja uusimisen riskitekijät*, LINTU-julkaisu, no. 1/2011, Liikenne- ja viestintäministeriö.

**E1 Popular article, newspaper article**

**2005**

Rantanen, T, Tiainen, K, Sipilä, S, Kauppinen, M, Koskenvuo, M, Kaprio, J **2005**, 'Genetic and environmental effects on the change in leg extension power among older women: A three-year follow-up', **Gerontologist**, vol 45, pp. 65-65.

Viken, R.J, Rose, R.J, Kaprio, J, Koskenvuo, M **2005**, 'Genetic and environmental transmission of masculinity femininity: Parent-offspring models', **Behavior Genetics**, vol 35, pp. 824-824.

**2008**

Eriksson, J, Lindström, J, Peltonen, M, Uusitupa, M **2008**, 'Maailmankongressi kokoaa kesällä diabetesasiantuntijat Helsinkiin', **Suomen lääkärilehti**, vol 63, no. 11, pp. 1075-1076.

**E2 Popular monograph**

**2010**

Vuorinen, HS **2010**, *Taudit, parantajat ja parannettavat: Lääketieteellinen historia*, **Vastapaino, Tampere**.



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

**1 Analysis of activities 2005-2010**

- Associated person is one of Jaakko Tuomilehto , Seppo Sarna , Markku Koskenvuo ,  
Jari Haukka , Janne Mikael Pitkaniemi , Heikki S Vuorinen ,  
Qing Qiao , Jaana Lindström, Hilikka Maaria Yliharsilä , Siamak Bidel ,  
Marja Heinenon-Guzejev ,

Activity type	Count
Supervisor or co-supervisor of doctoral thesis	62
Prizes and awards	19
Editor of research journal	144
Peer review of manuscripts	15
Membership or other role in review committee	1
Membership or other role in national/international committee, council, board	161
Membership or other role in public Finnish or international organization	3
Membership or other role of body in private company/organisation	3
Participation in interview for written media	3
Participation in radio programme	8
Participation in TV programme	3



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

## 2 Listing of activities 2005-2010

### Supervisor or co-supervisor of doctoral thesis

#### **Jaakko Tuomilehto ,**

Supervisor, Doctoral theses: Hanna Säilä, Jaakko Tuomilehto, 1998 → 2006, Finland  
Supervision of doctoral thesis, Jaakko Tuomilehto, 01.01.2000 → 19.08.2005, Finland  
Supervision of doctoral thesis, Jaakko Tuomilehto, 01.01.2000 → 21.02.2006, Finland  
Supervisor, Doctoral theses: Hilikka Ylihärstilä, Jaakko Tuomilehto, 2000 → 2008, Finland  
Supervisor, Doctoral theses: Janne Pitkänieniemi, Jaakko Tuomilehto, 2000 → 2008, Finland  
Supervisor, Doctoral theses: Jianjun Wang, Jaakko Tuomilehto, 2000 → 2005, Finland  
Supervisor, Doctoral theses: Noel Barengo, Jaakko Tuomilehto, 2000 → 2006, Finland  
Supervisor, Doctoral theses: Valma Harjutsalo, Jaakko Tuomilehto, 2000 → 2007, Finland  
Supervisor, Doctoral theses: Jaana Lindström, Jaakko Tuomilehto, 2001 → 2006, Finland  
Supervisor, Doctoral theses: Juho Akkanen, Jaakko Tuomilehto, 2001 → 2007, Finland  
Supervisor, Doctoral theses: Nan Hairong, Jaakko Tuomilehto, 2001 → 2008, Finland  
Supervisor, Doctoral theses: Leena Sjöberg-Tuominen, Jaakko Tuomilehto, 2002 → ..., Finland  
Supervisor, Doctoral theses: Siamak Bidel, Jaakko Tuomilehto, 2003 → 2008, Finland  
Supervisor, Doctoral theses: Juha Peräsaari, Jaakko Tuomilehto, 2004 → ..., Finland  
Supervisor, Doctoral theses: Maija Miettinen, Jaakko Tuomilehto, 2004 → ..., Finland  
Supervisor, Doctoral theses: Marjukka Hyvärinen, Jaakko Tuomilehto, 2004 → 2009, Finland  
Supervisor, Doctoral theses: Päivi Kleemola, Jaakko Tuomilehto, 2004 → ..., Finland  
Supervisor, Doctoral theses: Saara Väänänen, Jaakko Tuomilehto, 2004 → ..., Finland  
Supervisor, Doctoral theses: Jani Lappalainen, Jaakko Tuomilehto, 2005 → ..., Finland  
Supervisor, Doctoral theses: Bin Tang, Jaakko Tuomilehto, 2006 → ..., Finland  
Supervisor, Doctoral theses: Feng Ning, Jaakko Tuomilehto, 2006 → ..., Finland  
Supervisor, Doctoral theses: Lei Zhang, Jaakko Tuomilehto, 2006 → 2010, Finland  
Supervisor, Doctoral theses: Weiguo Gao, Jaakko Tuomilehto, 2006 → 2010, Finland

#### **Seppo Sarna ,**

Supervisor, doctoral theses: Katja Borodulin, Seppo Sarna, 1998 → 2006, Finland  
Supervisor, doctoral theses: Heli Bäckmand, Seppo Sarna, 2000 → 2006, Finland

#### **Markku Koskenvuo ,**

Supervisor, Doctoral theses: Marja Heinonen-Guzejev, Markku Koskenvuo, 2001 → 2008, Finland  
Supervisor, Doctoral theses: Anna Heikkinen, Markku Koskenvuo, 2004 → 2010, Finland  
Supervisor, Doctoral theses: Arja Pajukari, Markku Koskenvuo, 2004 → 2010, Finland  
Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland  
Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland  
Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland  
Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland  
Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland  
Supervisor, Doctoral theses: Tapio Paljärvi, Markku Koskenvuo, 2005 → 2011, Finland  
Supervision of doctoral thesis, Markku Koskenvuo, 13.09.2006 → 31.12.2006, Finland





## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2006 → 31.12.2006, Finland

Supervision of doctoral thesis, Markku Koskenvuo, 01.01.2006 → 31.12.2006, Finland

#### **Jari Haukka ,**

Co-supervisor of thesis/Kiesepää, Jari Haukka, 2005, Finland

Co-supervisor of thesis/Tuulio-Henriksson, Jari Haukka, 2005, Finland

Co-supervisor of thesis/Arajärvi, Jari Haukka, 2006, Finland

Co-supervisor of thesis/Leppämäki, Jari Haukka, 2006, Finland

Co-supervisor of thesis/Karoliina Karjalainen, Jari Haukka, 2007 → 2011, Finland

Co-supervisor of thesis/Valtonen, Jari Haukka, 2007, Finland

Co-supervisor of thesis/Holma, Jari Haukka, 2008 → 2010, Finland

Co-supervisor of thesis/Jylhä, Jari Haukka, 2008, Finland

Co-supervisor of thesis/Lahti, Jari Haukka, 2008, Finland

Co-supervisor of thesis/Mikael Holma, Jari Haukka, 2008 → 2010, Finland

Co-supervisor of thesis/Grimaldi-Toriz, Jari Haukka, 2009, Finland

Co-supervisor of thesis/Tikka, Jari Haukka, 2010, Finland

#### **Heikki S Vuorinen ,**

Supervisor, doctoral theses: Marja Heinonen-Guzejev, Heikki S Vuorinen, 2001 → 2008, Finland

#### **Qing Qiao ,**

Supervisor, Qing Qiao, 2001 → 2005, Finland

Supervisor, Doctoral theses: Regzedmaa Nyamdorj, Qing Qiao, 2004 → 2010, Finland

Supervisor, Doctoral theses: Weiguo Gao, Qing Qiao, 2004 → 2010, Finland

Supervisor, Doctoral theses: Nan Hairong, Qing Qiao, 2005 → 2008, Finland

Supervisor, Qing Qiao, 2006 → 2009, Finland

Supervisor, Doctoral theses: Lei Zhang, Qing Qiao, 2006 → 2010, Finland

Supervisor, Qing Qiao, 2008 → ..., Finland

Supervisor, Doctoral theses: Bin Tang, Qing Qiao, 2008 → ..., Finland

Supervisor, Doctoral theses: Xin Song, Qing Qiao, 2009 → ..., Finland

Supervisor, Qing Qiao, 2010 → ..., Finland

#### **Jaana Lindström**

Supervisor, Doctoral theses: Katja Wikström, Jaana Lindström, 2002 → ..., Finland

Supervisor, Doctoral theses: Jenni Lehtisalo, Jaana Lindström, 2006 → ..., Finland

#### **Prizes and awards**

##### **Jaakko Tuomilehto ,**

Bradford Hill Seminar Series, Jaakko Tuomilehto, 2005, United Kingdom

Dean's Distinguished Seminar Series, Jaakko Tuomilehto, 2005, United States

Fredrick H. Epstein Memorial Lecture, Jaakko Tuomilehto, 2005, United States

Lilly Lecture Award, Jaakko Tuomilehto, 2005, United Kingdom

Anita Carlson Memorial Lecture, Jaakko Tuomilehto, 2006, Italy

50th Anniversary International Symposium of Japan Diabetes Society, Jaakko Tuomilehto, 2007, Japan

Award for the most outstanding PhD thesis in natural sciences in Finland in the year 2006, Jaakko Tuomilehto, 2007, Finland

Award for the most outstanding publication in nutrition sciences from Finland in the year 2006, Jaakko Tuomilehto, 2007, Finland



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

Marjory Robertson Lecture, Jaakko Tuomilehto, 2007, United Kingdom

Epidemiologist of the year, Jaakko Tuomilehto, 2008, Finland

European Journal of Cardiovascular Prevention & Rehabilitation (EJCPR) the most highly cited author award, Jaakko Tuomilehto, 2009, Sweden

Khwarizmi 2009 Award, Jaakko Tuomilehto, 01.01.2009 → 31.12.2011, Iran

Laureate of the Khwarizmi International Award, Jaakko Tuomilehto, 2009, Finland

The top 10 major advance in heart disease and stroke research 2008, Jaakko Tuomilehto, 2009, United States

Trial of the Year 2008, Jaakko Tuomilehto, 2009, United States

Grand Hamdan International Award in Diabetes Research, Jaakko Tuomilehto, 2010, United Arab Emirates

#### **Qing Qiao ,**

Honourable awards, One article was chosen as Editor's choice of the Issue in Diabetologia, Qing Qiao, 2010

Reviewer for, Turkish (TUBITAK) Science Awards 2010, Qing Qiao, 2010, Turkey

#### **Marja Heinonen-Guzejev ,**

Uudenmaan ympäristönsuojelupiiriin myöntämä Hiljainen haavanlehti-palkinto, Marja Heinonen-Guzejev, 08.10.2010, Finland

#### **Editor of research journal**

##### **Jaakko Tuomilehto ,**

Journal of Human Hypertension, Jaakko Tuomilehto, 1985 → 2008

International Diabetes Monitor, Jaakko Tuomilehto, 1989 → ...

Croatian Medical Journal, Jaakko Tuomilehto, 1991 → ...

International Diabetes Monitor, Jaakko Tuomilehto, 01.01.2000 → 31.12.2007, United States

Future Forum Editorial Board, Jaakko Tuomilehto, 2002 → 2010

Diabetes and Vascular Disease Research, Jaakko Tuomilehto, 2003 → ...

European Journal of Cardiovascular Prevention and Rehabilitation, Jaakko Tuomilehto, 2003 → 2005

Vascular Health and Risk Management, Jaakko Tuomilehto, 2004 → ...

Croatian Medical Journal, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, Croatia

Current Hypertension Reviews, Jaakko Tuomilehto, 2005 → ...

Current Hypertension Reviews, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

Diabetes and Metabolism Reviews and Research, Jaakko Tuomilehto, 2005 → ...

Diabetes and Metabolism Reviews and Research, Jaakko Tuomilehto, 01.06.2005 → 31.12.2005, Italy

Diabetes and Vascular Disease Research, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

European Journal of Cardiovascular Prevention and Rehabilitation, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

Evidence-Based Preventive Medicine, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

Journal of Human Hypertension, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

McMaster PLUS -McMaster Online Rating of Evidence, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

Annals of International Medicine, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United States

Croatian Medical Journal, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, Croatia

Current Hypertension Reviews, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom

Diabetes, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United States

Diabetes Care, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United States

Diabetes Research and Clinical Practice, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, Netherlands

Diabetes and Metabolism Reviews, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, Italy



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

Diabetes and Vascular Disease Research, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
Diabetic Medicine, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
Diabetologia, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, Germany  
European Heart Journal, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
European Journal of Cardiovascular Prevention and Rehabilitation, Jaakko Tuomilehto, 01.01.2006 → 30.04.2006, United Kingdom  
Evidence-Based Preventive Medicine, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
International Journal of Obesity, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
Journal of Human Hypertension, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
Journal of Hypertension, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United States  
Lancet, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
McMaster PLUS-McMaster Online Rating of Evidence, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, Canada  
Stroke, Jaakko Tuomilehto, 01.01.2006 → 30.12.2006, United States  
Vascular Health and Risk Assessment, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom  
Annals of Internal Medicine, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United States  
Croatian Medical Journal, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Croatia  
Current Hypertension Reviews, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom  
Diabetes, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United States  
Diabetes Care, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United States  
Diabetes Research and Clinical Practice, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Netherlands  
Diabetes and Metabolism Reviews and Research, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Italy  
Diabetic Medicine, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom  
Diabetologia, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Germany  
European Heart Journal, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom  
European Journal of Clinical Nutrition, Jaakko Tuomilehto, 2007 → ...  
European Journal of Epidemiology, Jaakko Tuomilehto, 2007 → ...  
International Journal of Obesity, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom  
Journal of Hypertension, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United States  
Lancet, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom  
McMaster PLUS - McMaster Online Rating of Evidence, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Canada  
Stroke, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United States  
Annals of Internal Medicine, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United States  
Croatian Medical Journal, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Croatia  
Current Hypertension Reviews, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom  
Diabetes, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United States  
Diabetes Care, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United States  
Diabetes and Metabolism Reviews and Research, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Italy  
Diabetic Medicine, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom  
Diabetologia, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Germany  
European Heart Journal, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom  
International Journal of Obesity, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom  
Journal of Hypertension, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United States



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

Lancet, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom  
Neuroepidemiology, Jaakko Tuomilehto, 2008 → ...  
Stroke, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United States  
The Open Cardiovascular Medicine Journal, Jaakko Tuomilehto, 2008 → ...  
Annals of Internal Medicine, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United States  
Croatian Medical Journal, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Croatia  
Current Hypertension Reviews, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom  
Diabetes, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom  
Diabetes Care, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United States  
Diabetes Research and Clinical Practice, Jaakko Tuomilehto, 2009 → ...  
Diabetes and Metabolism Reviews and Research, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Italy  
Diabetic Medicine, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom  
Diabetologia, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United States  
European Heart Journal, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom  
European Journal of Clinical Investigation, Jaakko Tuomilehto, 2009 → ...  
International Journal of Obesity, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom  
Iranian Journal of Public Health, Jaakko Tuomilehto, 2009 → ...  
Journal of Hypertension, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United States  
Lancet, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom  
Stroke, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United States  
Diabetes Management, Jaakko Tuomilehto, 2010 → ...  
Frontiers in Stroke, Jaakko Tuomilehto, 2010 → ...  
Primary Care Diabetes, Jaakko Tuomilehto, 2010 → ...

**Seppo Sarna ,**

Annals of Medicine, Seppo Sarna, 01.01.2005 → 31.12.2005, Finland  
Critical Care, Seppo Sarna, 01.01.2005 → 31.12.2005, United Kingdom  
Duodecim, Seppo Sarna, 01.01.2005 → 31.12.2005, Finland  
Stroke, Seppo Sarna, 01.01.2005 → 31.12.2005, United States  
Suomen Lääkärilehti, Seppo Sarna, 01.01.2005 → 31.12.2005, Finland  
Annals of Medicine, Seppo Sarna, 01.01.2006 → 31.12.2006, Finland  
Critical Care, Seppo Sarna, 01.01.2006 → 31.12.2006, United Kingdom  
Duodecim, Seppo Sarna, 01.01.2006 → 31.12.2006, Finland  
Stroke, Seppo Sarna, 01.01.2006 → 31.12.2006, United States  
Suomen Lääkärilehti, Seppo Sarna, 01.01.2006 → 31.12.2006, Finland  
Annals of Medicine, Seppo Sarna, 14.09.2007 → 31.12.2011, Finland  
Critical Care, Seppo Sarna, 14.09.2007 → 31.12.2008, United Kingdom  
Duodecim, Seppo Sarna, 14.09.2007 → 31.12.2008, Finland  
Stroke, Seppo Sarna, 14.09.2007 → 31.12.2008, United States  
Suomen Lääkärilehti, Seppo Sarna, 14.09.2007 → 31.12.2008, Finland  
Annals of Medicine, Seppo Sarna, 01.01.2009 → 31.12.2009, Finland  
Critical Care, Seppo Sarna, 01.01.2009 → 31.12.2009, United Kingdom



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

Duodecim, Seppo Sarna, 01.01.2009 → 31.12.2009, Finland

Stroke, Seppo Sarna, 01.01.2009 → 31.12.2009, United States

Suomen Lääkärilehti, Seppo Sarna, 01.01.2009 → 31.12.2009, Finland

**Markku Koskenvuo ,**

Stroke, Markku Koskenvuo, 01.01.2005 → 31.12.2005, United States

Suomen Lääkärilehti, Markku Koskenvuo, 16.08.2006 → 31.12.2006, Finland

Alcohol & Alcoholism, Markku Koskenvuo, 28.02.2008 → 31.12.2011, United States

**Jari Haukka ,**

Social Science and Medicine, Jari Haukka, 06.09.2006 → 31.12.2011, United States

Statistics in Medicine, Jari Haukka, 03.08.2006 → 31.12.2010, United States

Archives of General Psychiatry, Jari Haukka, 01.01.2007 → 31.12.2010, United States

European Journal of Clinical Pharmacology, Jari Haukka, 16.04.2007 → 31.12.2010, Germany

Schizophrenia Research, Jari Haukka, 09.08.2007 → 31.12.2011, United States

Archives of Internal Medicine, Jari Haukka, 24.11.2009 → 31.12.2010, United States

**Heikki S Vuorinen ,**

Hippokrates, Suomen Lääketieteen Historian Seuran vuosikirja, Heikki S Vuorinen, 01.01.2005 → 31.12.2005, Finland

HIPPOKRATES, Suomen Lääketieteen Historian Seuran vuosikirja, Heikki S Vuorinen, 01.01.2006 → 31.12.2006, Finland

Hippokrates, Suomen Lääketieteen Historian Seuran vuosikirja, Heikki S Vuorinen, 01.01.2007 → 31.12.2007, Finland

Hippokrates, Suomen Lääketieteen Historian Seuran vuosikirja, Heikki S Vuorinen, 01.01.2008 → 31.12.2008, Finland

Hippokrates, Suomen Lääketieteen Historian Seuran Vuosikirja, Heikki S Vuorinen, 01.01.2009 → 31.12.2009, Finland

Hippokrates, Suomen Lääketieteen Historian Seuran Vuosikirja, Heikki S Vuorinen, 01.01.2009 → 31.12.2009, Finland

Hippokrates, Suomen Lääketieteen Historian Seuran Vuosikirja, Heikki S Vuorinen, 01.01.2009 → 31.12.2009, Finland

**Qing Qiao ,**

Diabetes Care, Qing Qiao, 01.01.1997 → ..., United States

Diabetes Research and Clinical Practice, Qing Qiao, 20.02.1997 → ..., Netherlands

Diabetic Medicine, Qing Qiao, 01.01.1997 → ..., United Kingdom

Diabetologia, Qing Qiao, 01.01.1997 → ..., United States

Journal of Hypertension, Qing Qiao, 01.07.1997 → ..., United States

Reviewer, Cardiovascular Diabetology, Qing Qiao, 1997 → ...

Reviewer, European Journal of Cardiovascular Prevention and Rehabilitation, Qing Qiao, 1997 → ...

Reviewer, European Journal of Clinical Nutrition, Qing Qiao, 1997 → ...

Reviewer, Nutrition, Metabolism and Cardiovascular Disease, Qing Qiao, 1997 → ...

Reviewer, Open General and Internal Medicine Reviews, Qing Qiao, 1997 → ...

Reviewr, British Journal of Nutrition, Qing Qiao, 1997 → ..., United Kingdom

Current Diabetes Review, Qing Qiao, 01.01.2004 → ..., Netherlands

Diabetes Care, Qing Qiao, 01.01.2005 → 31.12.2005, United States

Diabetic Medicine, Qing Qiao, 01.02.2005 → 31.12.2005, United Kingdom

Reviewer for abstracts submitted to the 41st, 42st and 43rd EDEG annual conferences 2006-2008, Qing Qiao, 2006 → 2008

Diabetologia, Qing Qiao, 19.09.2007 → 31.12.2007, Germany

**Jaana Lindström**

Diabetic Medicine, Jaana Lindström, 01.01.2006 → 31.12.2006, United Kingdom



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

Diabetologia, Jaana Lindström, 01.01.2006 → 31.12.2006, United Kingdom

#### **Marja Heinonen-Guzejev ,**

Ympäristömelun vaikutukset (Ympäristöministeriö julkaisu, ilmestyy 3/2007), Marja Heinonen-Guzejev, 01.01.2006 → 31.12.2006, Finland

#### **Peer review of manuscripts**

##### **Seppo Sarna ,**

Aging clinical and experimental research, Seppo Sarna, 2010, Italy

Circulation, Seppo Sarna, 2010, United States

##### **Jari Haukka ,**

BioMed Central, Jari Haukka, 01.01.2000 → ...

Schizophrenia Research, Jari Haukka, 01.01.2000 → ..., United States

Statistics in Medicine, Jari Haukka, 01.01.2006 → ...

European Journal of Clinical Pharmacology European Journal of Clinical Pharmacology, Jari Haukka, 01.01.2007 → ...

ACTA ONCOLOGICA, Jari Haukka, 01.01.2009 → ...

Annals of Medicine, Jari Haukka, 01.01.2009, Sweden

Archives of Internal Medicine, Jari Haukka, 01.01.2010 → ..., United States

Gut, Jari Haukka, 01.03.2010 → ..., United Kingdom

Journal of Nervous and Mental Disease, Jari Haukka, 01.01.2010 → ..., United States

Journal of Psychopharmacology, Jari Haukka, 01.01.2010 → ..., United Kingdom

Peer reviewer in Lung Cancer, Jari Haukka, 2010 → ..., Italy

The American Journal of Medicine, Jari Haukka, 2010 → ..., United States

The European Journal of Public Health, Jari Haukka, 01.09.2010 → ..., United Kingdom

#### **Membership or other role in review committee**

##### **Qing Qiao ,**

Editorial board member, Open General and Internal Medicine Reviews, Qing Qiao, 2007 → ...

#### **Membership or other role in national/international committee, council, board**

##### **Jaakko Tuomilehto ,**

Finnish Epidemiological Society, Board member, Jaakko Tuomilehto, 2000 → 2008, Finland

Finnish Epidemiological Society, Founding member, Jaakko Tuomilehto, 2000 → 2008, Finland

Advisory Committee for Evaluation and Research, Jaakko Tuomilehto, 2003 → ...

Advisory Committee for Evaluation and Research, Chairman, Jaakko Tuomilehto, 2003 → 2008

International Epidemiological Association, Jaakko Tuomilehto, 2003 → ...

International Society of Diabetes and Vascular Disease, Founding member, Jaakko Tuomilehto, 2003 → ...

European Federation of Neurological Societies, Chair, Jaakko Tuomilehto, 2004 → 2007

European Federation of Neurological Societies, Science Panel on Neuroepidemiology, Jaakko Tuomilehto, 2004 → ...

European Society of Cardiology, Science Council Member, Jaakko Tuomilehto, 2004 → 2006

Finnish Epidemiological Society, President, Jaakko Tuomilehto, 2004 → 2006, Finland

1st International Congress on Prediabetes and the Metabolic Syndrome, Jaakko Tuomilehto, 2005 → ..., Germany

4th World Congress on Prevention of Diabetes and Its Complications, Jaakko Tuomilehto, 2005 → ..., India

6th International Conference on Preventive Cardiology, Jaakko Tuomilehto, 2005 → ..., Brazil



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

American Diabetes Association, Jaakko Tuomilehto, 2005 → ...

European Association of the Study of Diabetes, Jaakko Tuomilehto, 01.01.2005 → ...

European Federation of Neurological Societies/Neuroepidemiology Science Panel, Jaakko Tuomilehto, 01.09.2005 → 31.12.2005, Austria

European Society for Cardiovascular Prevention, Board member, Jaakko Tuomilehto, 2005 → ...

European Society of Cardiology/European Association of Cardiovascular Prevention and Rehabilitation, Jaakko Tuomilehto, 01.09.2005 → 31.08.2006, France

European Society of Cardiology/European Association of Cardiovascular Prevention and Rehabilitation, Jaakko Tuomilehto, 01.09.2005 → 31.12.2005, France

European Society of Cardiology/Science Council, Jaakko Tuomilehto, 01.09.2005 → 31.12.2005, France

European Society of Cardiology/Working Group of Epidemiology and Prevention, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, France

Finnish Hypertension Society, Jaakko Tuomilehto, 01.01.2005 → ..., Finland

Finnish Hypertension Society, Founding member, Jaakko Tuomilehto, 01.01.2005 → ..., Finland

Finnish Medical Association, Jaakko Tuomilehto, 01.01.2005 → ..., Finland

Finnish Society for Social Medicine, Jaakko Tuomilehto, 01.01.2005 → ..., Finland

Finnish Society of Doctors, Duodecim, Jaakko Tuomilehto, 01.01.2005 → ..., Finland

Future Forum Editorial Board, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

Implementation Programme for Primary Prevention of Type 2 Diabetes, International Advisory Board Member for National Programmes, Jaakko Tuomilehto, 2005 → ...

International Advisory Board for the National Diabetes and Cardiovascular Programme, International Advisory Board Member for National Programmes, Jaakko Tuomilehto, 2005 → ...

International Diabetes Federation, Jaakko Tuomilehto, 2005 → ...

International Society of Diabetes and Vascular Disease, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, United Kingdom

Prandial Glucose Regulation Group, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, Canada

Suomen Epidemiologian Seura, Jaakko Tuomilehto, 01.04.2005 → 31.01.2006, Finland

Suomen Verenpaineyhdistys, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, Finland

WHO Study Group meeting: Integrated approach to primary prevention of heart attacks and strokes, Jaakko Tuomilehto, 2005 → ..., Switzerland

WHO/IDF Consultation: Definition and diagnosis of diabetes mellitus and intermediate hyperglycemia, Jaakko Tuomilehto, 2005 → ..., Switzerland

10th International Diabetes Epidemiology Group Symposium, Jaakko Tuomilehto, 2006 → ..., South Africa

1st International Conference on Hypertension, Lipids and Stroke Prevention, Jaakko Tuomilehto, 2006 → ..., France

Diabetes and Cardiovascular Disease Study Group, Board member, Jaakko Tuomilehto, 2006 → 2010

Diabetes and Cardiovascular Disease Study Group, founding member, Jaakko Tuomilehto, 2006 → 2010

European Federation of Neurological Societies/Neuroepidemiology Science Panel, Jaakko Tuomilehto, 01.09.2006 → 31.12.2006, Austria

European Society of Cardiology/Science Council, Jaakko Tuomilehto, 01.09.2006 → 31.12.2006, France

European Society of Cardiology/Working Group of Epidemiology and Prevention, Jaakko Tuomilehto, 01.09.2006 → 31.12.2006, France

European Stroke Master Course, Jaakko Tuomilehto, 01.09.2006 → ..., Austria

Future Forum Editorial Board, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom

International Society of Diabetes and Vascular Disease, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, United Kingdom

Prandial Glucose Regulation Group, Jaakko Tuomilehto, 01.01.2006, Canada

Suomen Verenpaineyhdistys, Jaakko Tuomilehto, 01.01.2006 → 31.12.2006, Finland

1st Expert Meeting of the European Society of Cardiovascular Prevention (ESOCAP) on Genetic Predisposition for Coronary Heart Disease - Chances and Risks of Genetic Testing, Jaakko Tuomilehto, 2007 → ...



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

1st Qingdao Forum on Diabetes Prevention, Jaakko Tuomilehto, 2007 → ...

1st meeting of the EASD study group on diabetes and CVD, Jaakko Tuomilehto, 2007 → ..., United Kingdom

2nd International Congress on Prediabetes and metabolic syndrome/ International advisory board, Jaakko Tuomilehto, 25.04.2007 → 30.04.2007, Spain

2nd International Congress on Prediabetes and the Metabolic Syndrome, Jaakko Tuomilehto, 2007 → ..., Spain

Diabetes Australia- New South Wales "Diabetes and diabetes update day", Jaakko Tuomilehto, 2007 → ..., Australia

ESC Committee for Practice Guidelines: Guidelines Implementation Meeting on Diabetes, Prediabetes and Cardiovascular Disease, Jaakko Tuomilehto, 2007 → ..., France

European Federation of Neurological Societies, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Austria

European Society for Cardiovascular Prevention, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Italy

European Society of Cardiology/Science Council, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, France

European Society of Cardiology/Working Group of Epidemiology and Prevention, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, France

Future Forum Editorial Board, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom

International Society of Diabetes and Vascular Disease, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, United Kingdom

Ministry of Health and Quality of Life of Mauritius, International Advisory Board Member for National Programmes, Jaakko Tuomilehto, 2007 → ...

Prandial Glucose Regulation Group, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Canada

Prospettive in Prevenzione Cardiovascolare, Jaakko Tuomilehto, 20.09.2007 → 28.09.2007, Italy

Suomen Epidemiologian Seura, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Finland

Suomen Verenpaineyhdistys, Jaakko Tuomilehto, 01.01.2007 → 31.12.2007, Finland

What do the ESC/EASD guidelines tell us?, Jaakko Tuomilehto, 2007 → ..., Belgium

2nd International Conference on Hypertension, Lipids and Stroke Prevention, Jaakko Tuomilehto, 2008 → ..., Czech Republic

2nd Meeting of the EASD Study Group on Diabetes and CVD, Jaakko Tuomilehto, 2008 → ..., Italy

2nd World Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHy), Jaakko Tuomilehto, 2008 → ..., Spain

3rd Meeting of European Society for Cardiovascular Prevention, Jaakko Tuomilehto, 01.01.2008 → 05.01.2008, Italy

5th Asian-Pacific diabetes epidemiology course, Jaakko Tuomilehto, 2008 → ..., Japan

5th World Congress on Prevention of Diabetes and its Complications, Jaakko Tuomilehto, 01.06.2008 → 05.06.2008, Finland

AACE Consensus Conference on the Prevention of Type 2 Diabetes, Washington D.C., Jaakko Tuomilehto, 2008 → ..., United States

Conference "Puesta al día en prevención de Diabetes tipo 2/Day of type 2 diabetes prevention", Jaakko Tuomilehto, 2008 → 2010, Colombia

Controversies to Consensus in Diabetes, Obesity and Hypertension, CODHy, Jaakko Tuomilehto, 01.01.2008 → 31.10.2008, Spain

Diabetes and Cardiovascular Disease EASD Study Group, D and CDV, Jaakko Tuomilehto, 21.11.2008 → 23.11.2008, Italy

European Federation of Neurological Societies, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Austria

European Society for Cardiovascular Prevention, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Italy

European Society of Cardiology, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, France

European Society of Cardiology, Joint Prevention Committee Member, Jaakko Tuomilehto, 2008 → ...

European Society of Cardiology, Science Council, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, France

Future Forum Editorial Board, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom

IDF, WPR Asi-Pacific Diabetes Epidemiology and Education Training Course 2008, Jaakko Tuomilehto, 01.01.2008 → 30.08.2008, Japan

International Society of Diabetes and Vascular Disease, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, United Kingdom

Meeting of the Image Project, Jaakko Tuomilehto, 05.11.2008 → 08.11.2008, Spain

Prevención de la diabetes y de la enfermedad cardiovascular en Europa, Jaakko Tuomilehto, 2008 → ..., Spain





## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

Qatar Healthy Aging Centre, Jaakko Tuomilehto, 12.10.2008 → 17.10.2008, Qatar

Suomen Epidemiologian Seura, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Finland

Suomen Verenpaineyhdistys, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, Finland

The 44th Annual Meeting of the European Association for the Study of Diabetes, Jaakko Tuomilehto, 07.09.2008 → 11.09.2008, Italy

WHO Consultation on a Prioritized Research Agenda for Prevention and Control of Noncommunicable Diseases, Jaakko Tuomilehto, 2008 → ..., Switzerland

WHO Consultation on the Metabolic Syndrome Geneva, Jaakko Tuomilehto, 2008 → ..., Switzerland

WHO Consultation on the Metabolic Syndrome concept in Epidemiology, Health Promotion and Clinical Wo, Jaakko Tuomilehto, 01.01.2008 → 21.11.2008, Switzerland

WHO/International Diabetes Federation Training Seminar on Epidemiology and Public Health Aspects of Diabetes Mellitus, Faculty member, Jaakko Tuomilehto, 2008 → ..., United Kingdom

Working Group of Epidemiology and Prevention, Jaakko Tuomilehto, 01.01.2008 → 31.12.2008, France

11th Symposium of the International Diabetes Epidemiology Group, Jaakko Tuomilehto, 2009 → ..., Canada

1st International Congress on Clinical Neurology and Epidemiology, Jaakko Tuomilehto, 2009 → ..., Germany

3rd International Congress on "Prediabetes" and the Metabolic Syndrome, Jaakko Tuomilehto, 2009 → ..., France

ADA/AACE Consensus Meeting on Individualizing Therapy in Type 2 Diabetes, Jaakko Tuomilehto, 2009 → ..., United States

Euroforum course on epidemiology and prevention of diabetes mellitus and cardiovascular disease, Jaakko Tuomilehto, 2009 → ..., Spain

European Federation of Neurological Societies, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Austria

European Society for Cardiovascular Prevention, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Italy

European Society of Cardiology, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, France

Finnish Hypertension Society, Honorary membership, Jaakko Tuomilehto, 2009 → ...

Future Forum Editorial Board, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom

International Advisory Board, Scottish Health Informatics Programme, International Advisory Board Member for National Programmes, Jaakko Tuomilehto, 2009 → ...

International Society of Diabetes and Vascular Disease, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, United Kingdom

Korea's diabetes epidemiology course, Jaakko Tuomilehto, 2009 → ..., South Korea

National guideline development workshop for diabetes prevention and control, Jaakko Tuomilehto, 2009 → ..., Saudi Arabia

Scientific Advisory Committee Association for the Mediterranean Diet: Nutrition and Lifestyle, Jaakko Tuomilehto, 19.09.2009 → 28.09.2009, Italy

Suomen Epidemiologian Seura, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Finland

Suomen Verenpaineyhdistys, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Finland

WHO Expert Reference Group for NCD Surveillance Meeting, Jaakko Tuomilehto, 2009 → ..., Switzerland

WHO/IDF Consultation on diagnostic criteria for diabetes mellitus and related disorders of glucose metabolism, Jaakko Tuomilehto, 2009 → ..., Switzerland

Working Group of Epidemiology and Prevention, Jaakko Tuomilehto, 01.01.2009 → 31.12.2009, Italy

1st Latin American Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (Latin-CODHy), Jaakko Tuomilehto, 2010 → ..., Argentina

3rd International Conference on Hypertension, Lipids and Stroke Prevention, Jaakko Tuomilehto, 2010 → ..., Germany

3rd International Conference on Hypertension, Lipids and Stroke Prevention, Jaakko Tuomilehto, 2010 → ..., Germany

3rd World Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHy), Jaakko Tuomilehto, 2010 → ..., Czech Republic

6th World Congress on Prevention of Diabetes and Its Complications, Honorary President, Jaakko Tuomilehto, 2010 → ..., Germany

6th World Congress on Prevention of Diabetes and its Complications, Jaakko Tuomilehto, 08.04.2010 → 11.04.2010, Germany

Aspects of Diabetes Mellitus, Faculty member, Jaakko Tuomilehto, 2010 → ..., China



## INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

### RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

#### PURE/Tuomilehto

Simposium Internacional Sobre Investigaciones en Prevencion de Diabetes y Enfermedades Cardiovasculares, Jaakko Tuomilehto, 2010 → ..., Peru

The 1st Latin America Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension, Jaakko Tuomilehto, 11.03.2010 → 14.03.2010, Argentina

The 1st latin America Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension, Jaakko Tuomilehto, 11.03.2010 → 13.03.2010, Argentina

The 3rd World Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension, Jaakko Tuomilehto, 13.05.2010 → 16.05.2010, Czech Republic

The 3rd World Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension, Jaakko Tuomilehto, 13.05.2010 → 16.05.2010

#### **Markku Koskenvuo ,**

Sydäntutkimussäätiö, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland

Yrjö Jahnssonin säätiö, Markku Koskenvuo, 01.01.2005 → 31.12.2005, Finland

CIMO/Kansainvälinen tutkijavaihto, Markku Koskenvuo, 01.01.2006 → 31.12.2006, Finland

Doctoral Programs of Public Health, Markku Koskenvuo, 01.01.2006 → 31.12.2006, Finland

ETENE/Tutkimuseettinen valiokunta, Markku Koskenvuo, 01.06.2006 → 31.12.2006, Finland

Sydäntutkimussäätiö, Markku Koskenvuo, 01.01.2006 → 31.12.2006, Finland

Yrjö Jahnssonin säätiö, Markku Koskenvuo, 01.01.2006 → 31.12.2006, Finland

CIMO/Kansainvälinen tutkijavaihto, Markku Koskenvuo, 01.01.2007 → 31.12.2007, Finland

Doctoral Programs of Public Health, Markku Koskenvuo, 01.01.2007 → 31.12.2007, Finland

ETENE/Tutkimuseettinen valiokunta, Markku Koskenvuo, 01.01.2007 → 31.12.2007, Finland

Sydäntutkimussäätiö, Markku Koskenvuo, 01.01.2007 → 31.12.2007, Finland

Yrjö Jahnssonin säätiö, Markku Koskenvuo, 01.01.2007 → 31.12.2007, Finland

CIMO/Kansainvälinen tutkijavaihto, Markku Koskenvuo, 01.01.2008 → 31.12.2008, Finland

Doctoral Programs in Public Health, Markku Koskenvuo, 01.01.2008 → 31.12.2010, Finland

ETENE/Tutkimuseettinen valiokunta, Markku Koskenvuo, 01.01.2008 → 31.12.2008, Finland

Sydäntutkimussäätiö, Markku Koskenvuo, 01.01.2008 → 31.12.2008, Finland

Yrjö Jahnssonin säätiö, Markku Koskenvuo, 01.01.2008 → 31.12.2008, Finland

#### **Jari Haukka ,**

Society for Social Medicine in Finland, Jari Haukka, 01.01.2005 → 31.12.2005, Finland

Finnish Epidemiological Society, Jari Haukka, 30.03.2007 → 08.04.2008, Finland

Subcommittee on Medical Research Ethics (TUKIJA), Jari Haukka, 01.10.2010 → 30.09.2014, Finland

#### **Heikki S Vuorinen ,**

International Society for the History of Medicine (ISHM), Heikki S Vuorinen, 01.01.2005 → 31.12.2005

Suomen Lääketieteen Historian Seura, Heikki S Vuorinen, 01.01.2005 → 31.12.2005, Finland

Suomen Lääketieteen Historian Seura, Heikki S Vuorinen, 01.01.2006 → 31.12.2006, Finland

Suomen Lääketieteen Historian Seura, Heikki S Vuorinen, 01.01.2007 → 31.12.2007, Finland

Suomen Lääketieteen Historian Seura, Heikki S Vuorinen, 01.01.2008 → 31.12.2008, Finland

#### **Qing Qiao ,**

A member of the International Faculty in the 4th World Congress on Prevention of Diabetes and its Complication, Qing Qiao, 11.02.2005 → 13.02.2005, India

A member of the steering committee of the European Diabetes Epidemiology Group, Qing Qiao, 2005 → 2008

European Diabetes Epidemiology Group, Qing Qiao, 01.01.2005 → ...

Faculty Member of the ESC Congress 2005, Qing Qiao, 03.09.2005 → 07.09.2005, Sweden



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

Faculty member of the International Course on Cardiovascular and Diabetes Epidemiology, Qing Qiao, 04.2006, Finland

Scientific committee member, Qing Qiao, 2006 → 2008

WHO Consultation on the definition of the metabolic syndrome, Qing Qiao, 08.12.2008 → 11.12.2008, Switzerland

WHO Consultation on the definition of the obesity, Qing Qiao, 20.11.2008 → 21.11.2008, Switzerland

**Membership or other role in public Finnish or international organization**

**Jaakko Tuomilehto ,**

STM, Valtakunnallisen tyypin 2 diabeteksen ehkäisyohjelman D2D-hanke, Jaakko Tuomilehto, 01.01.2005 → 31.12.2005, Finland

**Jaana Lindström**

Diabeetikon ruokavaliosuositusryhmä, Jaana Lindström, 01.01.2006 → 31.12.2006, Finland

Diabetesliiton ravitsemusryhmä, Jaana Lindström, 01.01.2006 → 31.12.2006, Finland

**Membership or other role of body in private company/organisation**

**Seppo Sarna ,**

Urheilulääketieteen Säätiö, Seppo Sarna, 01.01.2006 → 31.12.2006, Finland

Urheilulääketieteen Säätiö, Seppo Sarna, 01.01.2007 → 31.12.2007, Finland

**Jari Haukka ,**

Nordic Countries Expert Panel meeting, Jari Haukka, 05.01.2010 → 31.03.2010, Denmark

**Participation in interview for written media**

**Heikki S Vuorinen ,**

Yle Puheessa, Heikki S Vuorinen, 20.12.2009, Finland

Yle Puheessa, Heikki S Vuorinen, 21.12.2009, Finland

**Jaana Lindström**

Lahden seudun diabeetikkojen koulutuspäivä, Jaana Lindström, 01.01.2006, Finland

**Participation in radio programme**

**Jaakko Tuomilehto ,**

Yle Radio Yksi, Jaakko Tuomilehto, 30.05.2008, Finland

**Seppo Sarna ,**

Radio-ohjelmat, toim. Jouko Vuolle, Yle-Sport, Seppo Sarna, 01.07.2006, Finland

**Heikki S Vuorinen ,**

YLE Radio 1, Heikki S Vuorinen, 17.11.2008, Finland

Yle Radio 1, Heikki S Vuorinen, 24.11.2008, Finland

Yle Radio 1, Heikki S Vuorinen, 01.12.2008, Finland

Yle Radio 1, Heikki S Vuorinen, 15.12.2008, Finland

Yle Radio 1, Heikki S Vuorinen, 19.12.2009, Finland

Yle Radio 1, Heikki S Vuorinen, 20.12.2009, Finland



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE  
UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF OTHER SCIENTIFIC ACTIVITIES 2005-2010

PURE/Tuomilehto

**Participation in TV programme**

**Jaakko Tuomilehto ,**

Televisiohaastattelu, Jaakko Tuomilehto, 08.04.2005, Finland

**Marja Heinonen-Guzejev ,**

Haastattelu TV-uutisissa, Marja Heinonen-Guzejev, 08.10.2010

Haastattelu Viron TV:n Reporter- ajankohtaisohjelmassa, Marja Heinonen-Guzejev, 21.10.2010, Estonia



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING  
AT THE UNIVERSITY OF HELSINKI

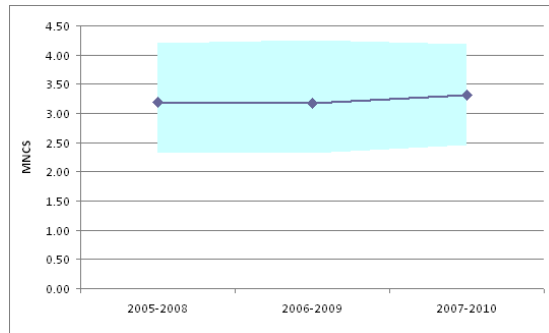
Web of Science(WoS)-based bibliometrics of the RC's publications data 1.1.2005-31.12.2010  
by CWTS, Leiden University, the Netherlands

Research Group: Tuomilehto J

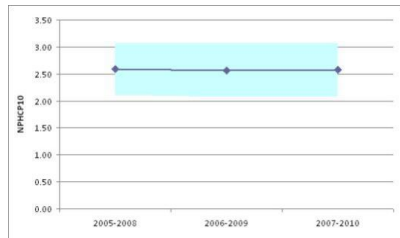
*Basic statistics*

Number of publications (P)	483
Number of citations (TCS)	9,550
Number of citations per publication (MCS)	20.21
Percentage of uncited publications	21%
Field-normalized number of citations per publication (MNCS)	2.96
Field-normalized average journal impact (MNJS)	1.82
Field-normalized proportion highly cited publications (top 10%)	2.52
Internal coverage	.86

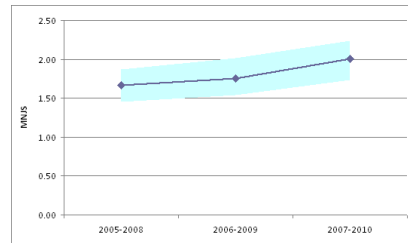
*Trend analyses*



MNCS

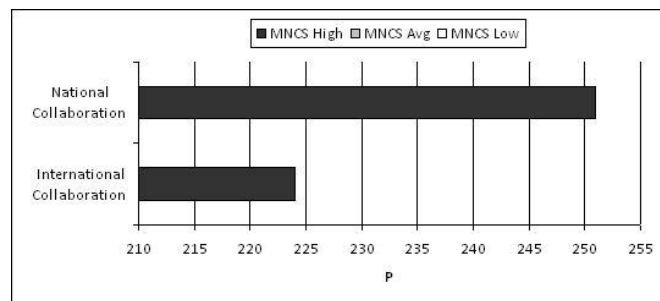


THCP10



MNJS

*Collaboration*



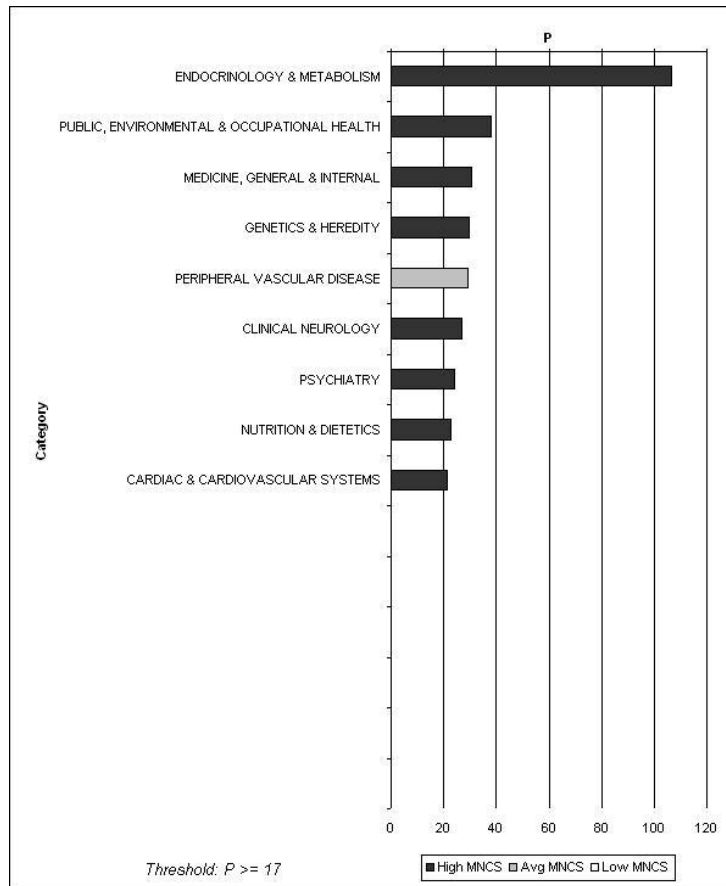
Performance (MNCS) by collaboration type



INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING  
AT THE UNIVERSITY OF HELSINKI

Web of Science(WoS)-based bibliometrics of the RC's publications data 1.1.2005-31.12.2010  
by CWTS, Leiden University, the Netherlands

Research profile



**University of Helsinki**  
**Administrative Publications 80/46**  
**Evaluations**

**ISBN 978-952-10-7466-0 (PDF)**  
**ISSN 1795-5513 (Online)**

**Internet address:**

**[http://www.helsinki.fi/julkaisut/aineisto/rc\\_evaluation2012/hallinnon\\_julkaisuja\\_80\\_46\\_2012.pdf](http://www.helsinki.fi/julkaisut/aineisto/rc_evaluation2012/hallinnon_julkaisuja_80_46_2012.pdf)**



**HELSINGIN YLIOPISTO**  
**HELSINGFORS UNIVERSITET**  
**UNIVERSITY OF HELSINKI**