

<https://doi.org/10.1038/s41467-018-08105-w>

OPEN

Author Correction: Genome-wide association study of classical Hodgkin lymphoma identifies key regulators of disease susceptibility

Amit Sud  et al.[#]Correction to: *Nature Communications*; <https://doi.org/10.1038/s41467-017-00320-1>; published online 1 December 2017

The original version of this Article contained an error in the spelling of a member of the PRACTICAL Consortium, Manuela Gago-Dominguez, which was incorrectly given as Manuela Gago Dominguez. This has now been corrected in both the PDF and HTML versions of the Article.

Published online: 08 January 2019



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2019

Amit Sud ¹, Hauke Thomsen ², Philip J. Law ¹, Asta Försti^{2,3}, Miguel Inacio da Silva Filho², Amy Holroyd¹, Peter Broderick ¹, Giulia Orlando¹, Oleg Lenive¹, Lauren Wright¹, Rosie Cooke¹, Douglas Easton^{4,5}, Paul Pharoah ^{4,5}, Alison Dunning⁴, Julian Peto⁶, Federico Canzian⁷, Rosalind Eeles ^{1,8}, Zsafia Kote-Jarai¹, Kenneth Muir ^{9,10}, Nora Pashayan ^{5,11}, The PRACTICAL consortium Per Hoffmann^{12,13}, Markus M. Nöthen^{13,14}, Karl-Heinz Jöckel¹⁵, Elke Pogge von Strandmann¹⁶, Tracy Lightfoot¹⁷, Eleanor Kane¹⁷, Eve Roman¹⁷, Annette Lake¹⁸, Dorothy Montgomery¹⁸, Ruth F. Jarrett¹⁸, Anthony J. Swerdlow^{1,19}, Andreas Engert¹⁶, Nick Orr²⁰, Kari Hemminki^{2,3} & Richard S. Houlston^{1,20}

¹Division of Genetics and Epidemiology, The Institute of Cancer Research, London SW7 3RP, UK. ²Division of Molecular Genetic Epidemiology, German Cancer Research Centre, Heidelberg 69120, Germany. ³Centre for Primary Health Care Research, Lund University, Malmö 221 00, Sweden. ⁴Centre for Cancer Genetic Epidemiology, Department of Oncology, University of Cambridge, Cambridge CB1 8RN, UK. ⁵Centre for Cancer Genetic Epidemiology, Department of Public Health and Primary Care, University of Cambridge, Cambridge CB1 8RN, UK. ⁶Department of Non-Communicable Disease Epidemiology, London School of Hygiene and Tropical Medicine, London WC1E 7HT, UK. ⁷Genomic Epidemiology Group, German Cancer Research Center (DKFZ), Heidelberg 69120, Germany. ⁸Royal Marsden NHS Foundation Trust, London SM2 5NG, UK. ⁹Institute of Population Health, University of Manchester, Manchester M1 3BB, UK. ¹⁰Division of Health Sciences, Warwick Medical School, Warwick University,

Correspondence and requests for materials should be addressed to R.S.H. (email: richard.houlston@icr.ac.uk). [#]A full list of authors and their affiliations appears at the end of the paper.

Warwick CV4 7AL, UK. ¹¹Department of Applied Health Research, University College London, London WC1E 7HB, UK. ¹²Department of Biomedicine, Division of Medical Genetics, University of Basel, Basel 4031, Switzerland. ¹³Institute of Human Genetics, University of Bonn, Bonn 53127, Germany. ¹⁴Department of Genomics, Life & Brain Center, University of Bonn, Bonn 53127, Germany. ¹⁵University of Duisburg-Essen, Essen 47057, Germany. ¹⁶Department of Internal Medicine, University Hospital of Cologne, Cologne 50937, Germany. ¹⁷Department of Health Sciences, University of York, York YO10 5DD, UK. ¹⁸MRC University of Glasgow Centre for Virus Research, Glasgow G61 1QH, UK. ¹⁹Division of Breast Cancer Research, The Institute of Cancer Research, London SW7 3RP, UK. ²⁰Division of Molecular Pathology, The Institute of Cancer Research, London SW7 3RP, UK. These authors contributed equally: Amit Sud, Hauke Thomsen. These authors jointly supervised this work: Kari Hemminki, Richard S. Houlston. A full list of consortium members appears at the end of the paper. The original article can be found online at <https://doi.org/10.1038/s41467-017-00320-1>.

The PRACTICAL consortium

Brian E. Henderson²¹, Christopher A. Haiman²¹, Sara Benlloch^{1,5}, Fredrick R. Schumacher^{22,23}, Ali Amin Al Olama^{5,24}, Sonja I. Berndt²⁵, David V. Conti²¹, Fredrik Wiklund²⁶, Stephen Chanock²⁵, Victoria L. Stevens²⁷, Catherine M. Tangen²⁸, Jyotsna Batra^{29,30}, Judith Clements^{29,30}, Henrik Gronberg²⁶, Johanna Schleutker^{31,32,33}, Demetrius Albanes²⁵, Stephanie Weinstein²⁵, Alicja Wolk³⁴, Catharine West³⁵, Lorelei Mucci³⁶, Géraldine Cancel-Tassin^{37,38}, Stella Koutros²⁵, Karina Dalsgaard Sorensen^{39,40}, Lovise Maehle⁴¹, David E. Neal^{42,43}, Ruth C. Travis⁴⁴, Robert J. Hamilton⁴⁵, Sue Ann Ingles²¹, Barry Rosenstein^{46,47}, Yong-Jie Lu⁴⁸, Graham G. Giles^{49,50}, Adam S. Kibel⁵¹, Ana Vega⁵², Manolis Kogevinas^{53,54,55,56}, Kathryn L. Penney⁵⁷, Jong Y. Park⁵⁸, Janet L. Stanford^{59,60}, Cezary Cybulski⁶¹, Børge G. Nordestgaard^{62,63}, Hermann Brenner^{64,65,66}, Christiane Maier⁶⁷, Jeri Kim⁶⁸, Esther M. John^{69,70}, Manuel R. Teixeira^{71,72}, Susan L. Neuhausen⁷³, Kim De Ruyck⁷⁴, Azad Razack⁷⁵, Lisa F. Newcomb^{59,76}, Davor Lessel⁷⁷, Radka Kaneva⁷⁸, Nawaid Usmani^{79,80}, Frank Claessens⁸¹, Paul A. Townsend⁸², Manuela Gago-Dominguez^{83,84}, Monique J. Roobol⁸⁵ & Florence Menegaux⁸⁶

²¹Department of Preventive Medicine, Keck School of Medicine, University of Southern California/Norris Comprehensive Cancer Center, Los Angeles, CA 90033, USA. ²²Department of Epidemiology and Biostatistics, Case Western Reserve University, Cleveland, OH 44106, USA. ²³Seidman Cancer Center, University Hospitals, Cleveland, OH 44106, USA. ²⁴Department of Clinical Neurosciences, University of Cambridge, Cambridge CB2 1TN, UK. ²⁵Division of Cancer Epidemiology and Genetics, National Cancer Institute, NIH, Bethesda, MD 20892, USA. ²⁶Department of Medical Epidemiology and Biostatistics, Karolinska Institute, SE-171 77 Stockholm, Sweden. ²⁷Epidemiology Research Program, American Cancer Society, 250 Williams Street, Atlanta, Georgia 30303, USA. ²⁸SWOG Statistical Center, Fred Hutchinson Cancer Research Center, Seattle, WA 98109, USA. ²⁹Australian Prostate Cancer Research Centre-Qld, Institute of Health and Biomedical Innovation and School of Biomedical Science, Queensland University of Technology, Brisbane, QLD 4059, Australia. ³⁰Translational Research Institute, Brisbane, QLD 4102, Australia. ³¹Department of Medical Biochemistry and Genetics, Institute of Biomedicine, University of Turku, FI-20520 Turku, Finland. ³²Tyks Microbiology and Genetics, Department of Medical Genetics, Turku University Hospital, FI-20520 Turku, Finland. ³³BioMediTech, University of Tampere, Tampere 33100, Finland. ³⁴Division of Nutritional Epidemiology, Institute of Environmental Medicine, Karolinska Institutet, SE-171 77 Stockholm, Sweden. ³⁵Institute of Cancer Sciences, University of Manchester, Manchester Academic Health Science Centre, Radiotherapy Related Research, The Christie Hospital NHS Foundation Trust, Manchester M13 9NT, UK. ³⁶Department of Epidemiology, Harvard School of Public Health, Boston, MA 02115, USA. ³⁷CeRePP, Pitie-Salpetriere Hospital, 75013 Paris, France. ³⁸UPMC Univ Paris 06, GRC N°5 ONCOTYPE-URO, CeRePP, Tenon Hospital, 75020 Paris, France. ³⁹Department of Molecular Medicine, Aarhus University Hospital, 8000 Aarhus C, Denmark. ⁴⁰Department of Clinical Medicine, Aarhus University, 8000 Aarhus C, Denmark. ⁴¹Department of Medical Genetics, Oslo University Hospital, N-0424 Oslo, Norway. ⁴²Department of Oncology, Addenbrooke's Hospital, University of Cambridge, Cambridge CB2 0QQ, UK. ⁴³Cancer Research UK, Cambridge Research Institute, Li Ka Shing Centre, Cambridge CB2 0RE, UK. ⁴⁴Cancer Epidemiology, Nuffield Department of Population Health, University of Oxford, Oxford OX3 7LF, UK. ⁴⁵Dept. of Surgical Oncology, Princess Margaret Cancer Centre, Toronto, ON M5G 2M9, Canada. ⁴⁶Department of Radiation Oncology, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA. ⁴⁷Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA. ⁴⁸Centre for Molecular Oncology, Barts Cancer Institute, Queen Mary University of London, John Vane Science Centre, London EC1M 6BQ, UK. ⁴⁹Cancer Epidemiology Centre, The Cancer Council Victoria, Melbourne, VIC 3004, Australia. ⁵⁰Centre for Epidemiology and Biostatistics, Melbourne School of Population and Global Health, The University of Melbourne, Melbourne, VIC 3053, Australia. ⁵¹Division of Urologic Surgery, Brigham and Womens Hospital, Boston, MA 02115, USA. ⁵²Fundación Pública Galega de Medicina Xenómica-SERGAS, Grupo de Medicina Xenómica, CIBERER, IDIS, 15782 Santiago de Compostela, Spain. ⁵³Centre for Research in Environmental Epidemiology (CREAL), Barcelona Institute for Global Health (ISGlobal), 60803 Barcelona, Spain. ⁵⁴CIBER Epidemiología y Salud Pública (CIBERESP), 28029 Madrid, Spain. ⁵⁵IMIM (Hospital del Mar Research Institute), 08003 Barcelona, Spain. ⁵⁶Universitat Pompeu Fabra (UPF), 08002 Barcelona, Spain. ⁵⁷Channing Division of Network Medicine, Department of Medicine, Brigham and Women's Hospital/Harvard Medical School, Boston, MA 02115, USA. ⁵⁸Department of Cancer Epidemiology, Moffitt Cancer Center, Tampa, FL 33612, USA. ⁵⁹Division of Public Health Sciences, Fred Hutchinson Cancer Research Center, Seattle, WA 98109, USA. ⁶⁰Department of Epidemiology, School of Public Health, University of Washington, Seattle, WA 98195, USA. ⁶¹International Hereditary Cancer Center, Department of Genetics and Pathology, Pomeranian Medical University, 70-001 Szczecin, Poland. ⁶²Faculty of Health and Medical Sciences, University of Copenhagen, 1165 Copenhagen, Denmark. ⁶³Department of Clinical Biochemistry, Herlev and Gentofte Hospital, University Hospital, 2900 Copenhagen, Denmark. ⁶⁴Division of Clinical Epidemiology and Aging Research, German Cancer Research Center (DKFZ), 69120 Heidelberg, Germany. ⁶⁵German Cancer Consortium (DKTK), German Cancer Research Center (DKFZ), 69120 Heidelberg, Germany. ⁶⁶Division of Preventive Oncology, German Cancer Research Center (DKFZ) and National Center for Tumor Diseases (NCT), 69120 Heidelberg, Germany. ⁶⁷Institute for Human Genetics, University Hospital

Ulm, 89081 Ulm, Germany. ⁶⁸Department of Genitourinary Medical Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX 77030, USA. ⁶⁹Cancer Prevention Institute of California, Fremont, CA 94538, USA. ⁷⁰Department of Health Research & Policy (Epidemiology) and Stanford Cancer Institute, Stanford University School of Medicine, Stanford, CA 94305, USA. ⁷¹Department of Genetics, Portuguese Oncology Institute of Porto, 4200-072 Porto, Portugal. ⁷²Biomedical Sciences Institute (ICBAS), University of Porto, 4200-072 Porto, Portugal. ⁷³Department of Population Sciences, Beckman Research Institute of the City of Hope, Duarte, CA 91016, USA. ⁷⁴Faculty of Medicine and Health Sciences, Basic Medical Sciences, Ghent University, 9000 Ghent, Belgium. ⁷⁵Department of Surgery, Faculty of Medicine, University of Malaya, 50603 Kuala Lumpur, Malaysia. ⁷⁶Department of Urology, University of Washington, Seattle, WA 98105, USA. ⁷⁷Institute of Human Genetics, University Medical Center Hamburg-Eppendorf, 20246 Hamburg, Germany. ⁷⁸Molecular Medicine Center, Department of Medical Chemistry and Biochemistry, Medical University, 1431 Sofia, Bulgaria. ⁷⁹Department of Oncology, Cross Cancer Institute, University of Alberta, Edmonton, AB T6G 2R3, Canada. ⁸⁰Division of Radiation Oncology, Cross Cancer Institute, Edmonton, AB T6G 1Z2, Canada. ⁸¹Molecular Endocrinology Laboratory, Department of Cellular and Molecular Medicine, KU Leuven, 3000 Leuven, Belgium. ⁸²Institute of Cancer Sciences, Manchester Cancer Research Centre, University of Manchester, Manchester Academic Health Science Centre, St Mary's Hospital, Manchester M13 9WL, UK. ⁸³Genomic Medicine Group, Galician Foundation of Genomic Medicine, Instituto de Investigacion Sanitaria de Santiago de Compostela (IDIS), Complejo Hospitalario Universitario de Santiago, Servicio Galego de Saúde, SERGAS, 15706 Santiago De Compostela, Spain. ⁸⁴University of California San Diego, Moores Cancer Center, La Jolla, CA 92093, USA. ⁸⁵Department of Urology, Erasmus University Medical Center, 3015 CE Rotterdam, The Netherlands. ⁸⁶Cancer & Environment Group, Center for Research in Epidemiology and Population Health (CESP), INSERM, University Paris-Sud, University Paris-Saclay, F-94805 Villejuif, France