Fulbright International Education Exchange – Fostering Science and Mutual Understanding between Nations and Cultures

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FULBRIGHT International Education Exchange

INTERNATIONAL EDUCATION EXCHANGE IS THE MOST SIGNIFICANT PROJECT DESIGNED TO CONTINUE THE PROCESS OF HUMANIZING MANKIND TO THE POINT, WE WOULD HOPE, THAT NATIONS CAN LEARN TO LIVE IN PEACE.

Senator J. William Fulbright (1905-1995)
REPUBLIC OF MACEDONIA

Journey through the centuries
SKOPJE – the Capital City
SKOPJE – the Old Bazaar

- 12th Century
- Rapidly developed during the Ottoman rule

The largest bazaar in the Balkans, outside Istanbul
Protected national landmark
SKOPJE – the Fortress

- First built in 6th century, by Byzantine Emperor Justinian I
- Further constructed in 10th and 11th century

- Part of material originates from the Roman city Skupi, which was destroyed by the earthquake in 518
SKOPJE – Birthplace of Mother Teresa

Nobel Peace Prize
December 1979
OHRID – Pearl of the Balkans

OHRID LAKE
Maximum depth: 288 m (940 ft)
Mean depth: 155 m (508 ft)
Area: 358 km$^2$ (138 sq mi)

More than 200 endemic species

UNESCO’s World Heritage Site

Salmo letnica
STIP – Goce Delcev University

27 March 2007 - Established by the Assembly of the Republic of Macedonia
28 June 2007 - The first Constitutive Assembly of the University Senate
I understand the world solely as a field for cultural competition among nations.
STIP – Goce Delcev University

**CAMPUS 2**
Faculty of Natural and Technical Sciences
Faculty of Agriculture
Faculty of Computer Science
Faculty of Electrical Engineering
Faculty of Technology
Faculty of Mechanical Engineering

**CAMPUS 3**
Faculty of Medical Sciences

**CAMPUS 4**
Faculty of Educational Sciences
Faculty of Economics
Faculty of Law
Faculty of Tourism and Business Logistics
Faculty of Philology
Music Academy
Art Academy
Film Academy

16 000 students
ECTS

RECOGNISE YOUR FUTURE
Faculty of Medical Sciences

Academic Study Programs

Integrated Studies of First and Second Cycle:
- GENERAL MEDICINE
- DENTAL MEDICINE
- PHARMACY

Medical Specialization and/or PhD Program

BIOMEDICINE
Translational Medicine
Medical Biotechnology
Regenerative Medicine
Medical Physics

NEUROSCIENCES

DENTAL MEDICINE

Occupational Study Programs

-Nurses
-Physiotherapists
-Medical Laboratory Technicians
-Dental Technicians - Prosthodontics
-Midwives
-Optometrics and Eye Optics

Specialization
Laboratory of Biochemistry and Clinical Chemistry

Current project: “Oxidized proteins in patients on hemodialysis – influence of the supplementation with vitamin C”


Ankyrin is the major oxidised protein in erythrocyte membranes from end-stage renal disease patients on chronic haemodialysis and oxidation is decreased by dialysis and vitamin C supplementation.

Ruskovska T, Bennett SJ, Brown CR, Dimitrov S, Kamcev N, Griffiths HR.

COST CM1001 Action
Interuniversity Cooperation

- Interuniversity Cooperation Center
  - International associations and networks
  - Bilateral agreements

- ERASMUS network
  - 15 FMS student exchanges
    - Italy
    - Bulgaria
    - Croatia
NAD – A REDISCOVERED ‘OLD’ MOLECULE

Focus on the white adipose tissue in obesity induced insulin resistance
Protein Carbonylation, Sirtuins and NAD

Protein carbonylation and sirtuins in the white adipocytes and their involvement in the pathogenesis of insulin resistance

- Protein carbonylation
- Protein acetylation
- Sirtuins – NAD dependent deacetylases / deacylases
- SIRT3 – mitochondrial deacetylase
- NAD – ‘rediscovery’ of this ‘old’ molecule
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