



UNIVERSITY OF IOANNINA  
SCHOOLS OF SCIENCES AND HEALTH SCIENCES  
DEPARTMENTS OF CHEMISTRY-MEDICINE-BIOLOGICAL APPLICATIONS AND TECHNOLOGIES  
INTERDEPARTMENTAL POSTGRADUATE PROGRAMME "MEDICAL CHEMISTRY"

# First International Seminar

Saturday December 12<sup>th</sup> 2015

"Karolos Papoulias" Conference Center

University of Ioannina



## Scientific Programme

- 09.15-09.30** Welcome address. **Alexandros Tselepis (Greece)**  
Head of Post-graduate Programme “Medical Chemistry”
- 09.30-11.00** Chairmen: **Maria Louloudi**  
**Haralambos Stamatis (Greece)**
- 09.30-10.00** Bioactive compound production via biotechnological processes.  
**Ioannis Pavlidis (Germany)**
- 10.00-10.30** Engineering nanoscale multifunctional materials for biomedical applications: Opportunities and Challenges. **Georgios Sotiriou (Switzerland)**
- 10:30-11:00** A pH responsive gold nanoparticle drug delivery vehicle targeting tumor. **Andreas Tzakos (Greece)**
- 11.00-11.30** Coffee break
- 11.30-13.30** Chairmen: **Sotirios Hatzikakou (Greece)**  
**Nikolaos Kourkoumelis (Greece)**
- 11.30-12.00** Design, synthesis and biological evaluation of novel analogues of Imatinib and Nilotinib derivatives as kinase inhibitors: A powerful tool for use in signal transduction research. **Konstantinos Skobridis (Greece)**
- 12.00-12.30** NMR methodology developments in natural products: from chemical analysis to in-cell NMR. **Ioannis Gerothanassis (Greece)**
- 12.30-13.00** In vivo clinical magnetic resonance spectroscopy. **Loukas Astrakas (Greece)**
- 13.00-13.30** Metabolic Profiling. Technologies, Remaining Challenges and Application in Life Sciences. **Georgios Theodoridis (Greece)**

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- 13.30-14.30** Lunch break
- 14.30-16.30** Chairmen: Periklis Pappas (Greece)  
Dimitrios Galaris (Greece)
- 14.30-15.00** The regulation of the DNA damage response in mammalian oocytes  
**Petros Maragkos** (Greece)
- 15.00-15.30** Searching for the real role of diet antioxidants in human health:  
Molecular Mechanisms. **Dimitrios Galaris** (Greece)
- 15.30-16.00** Development and approval of new medicinal products.  
**Marios Marselos** (Greece)
- 16.00-16.30** Coffee break
- 16.30-18.30** Chairmen: **Alexandros Tselepis** (Greece)  
**John Goudevenos** (Greece)
- 16.30-17.00** Mendelian randomization trials and cardiovascular disease.  
**Moses Elisaf** (Greece)
- 17.00-17.30** Familial hypercholesterolemia: From Pathophysiology to therapy.  
**Khalid Al-Rasadi** (Oman)
- 17.30-18.00** Basics on how to write a paper. **Dimitris Mikhailidis** (UK)
- 18.00-18.30** Examples of mistakes we see in articles submitted to our journals.  
**Niki Katsiki** (Greece)
- 18.30** End of Seminar



## INVITED FACULTY

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- Al Rasadi Kahlid** MD, Senior consultant of the Sultan Qaboos University Hospital (SQUH), Head of Department of Biochemistry, College of Medicine and Health Science, Sultan Qaboos University, Oman, Head of the Unit of Lipid and LDL-Apheresis at SQUH.
- Astrakas Loukas** Assistant Professor of Medical Physics, School of Medicine, University of Ioannina
- Elisaf Moses** Professor of Internal Medicine, Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece
- Galaris Dimitrios** Professor of Biological Chemistry, School of Medicine, University of Ioannina
- Gerothanassis Ioannis** Professor of Organic Chemistry, Department of Chemistry, University of Ioannina, Vice chairman of Hellenic Quality Assurance & Accreditation Agency (HQAA)
- Goudevenos John** Professor of Cardiology, School of Medicine, University of Ioannina
- Hadjikakou Sotiris** Professor of Inorganic Chemistry, Department of Chemistry University of Ioannina
- Katsiki Niki** Internist, Aristotle University, Thessaloniki, Greece, Associate editor of Angiology, Section editor of Arch Med Sci, editorial positions in Curr Vasc Pharmacol



<b>Kourkoumelis Nikos</b>	<b>Assistant Professor, Medical Physics Laboratory, Medical School, University of Ioannina, Ioannina, Greece</b>
<b>Louloudi Maria</b>	<b>Professor of Inorganic Chemistry, Department of Chemistry, University of Ioannina</b>
<b>Maragos Petros</b>	<b>Assistant Professor, Department of Biological Applications and Technologies, University of Ioannina</b>
<b>Marselos Marios</b>	<b>Professor of Pharmacology, School of Medicine, University of Ioannina, former Chairman of National Organization of Medicines.</b>
<b>Mikhailidis Dimitris</b>	<b>Professor, Head of Department of Clinical Biochemistry, Royal Free Hospital Campus, University College London Medical School, University College London (UCL), London, UK</b>
<b>Pavlidis Ioannis</b>	<b>Professor, Institute of Biology, Department of Biochemistry, Kassel University, Germany</b>
<b>Skobridis Konstantinos</b>	<b>Associate Professor of Organic Chemistry, Department of Chemistry, University of Ioannina, Ioannina, Greece</b>
<b>Sotiriou Georgios</b>	<b>Research Associate, Institute of Pharmaceutical Sciences, Department of Chemistry and Applied Biosciences, ETH Zurich, Switzerland, Assistant Professor, Department of Microbiology, Tumor and Cell Biology, Karolinska Institutet, Stockholm, Sweden</b>

**Stamatis Haralampos**

**Professor of Enzyme Biotechnology,  
Department of Biological Applications and  
Technologies, University of Ioannina**

**Theodoridis Georgios**

**Associate Professor of Analytical Chemistry,  
Department of Chemistry, Aristotle  
University, Thessaloniki, Greece**

**Tselepis Alexandros**

**Professor of chemistry Biochemistry-Clinical  
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University of Ioannina, Ioannina, Greece**

**Tzakos Andreas**

**Assistant Professor of Organic Chemistry,  
Department of Chemistry, University of  
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