

Serbian Biochemical Society Third Conference

University of Belgrade, Faculty of Chemistry

08.11.2013. Belgrade, Serbia

“Roots and branches of Biochemistry”

PROGRAM

10.00-10.05	Welcome messages from: Prof. Mihajlo B. Spasić (President of the Serbian Biochemical Society) Prof. Branimir S. Jovančičević (Dean of the Faculty of Chemistry)
10.05-10.45	FEBS lecture Prof. Mathias Sprinzl (Chairperson of the FEBS Working Group on Integration) Laboratorium für Biochemie, Universität Bayreuth, Germany Perspectives of nucleic acid biosensors for medical applications
10.45-11.05	Radivoje Prodanović, PhD Department of Biochemistry, Faculty of Chemistry, University of Belgrade, Belgrade, Serbia Flow cytometry and microfluidic lab on chip based ultrahigh throughput screening systems for directed evolution of proteins
11.15-11.30	Short break
11.30-11.50	ESDPPP lecture Milica Bajčetić, PhD (President of European Society for Development of Perinatal and Paediatric Pharmacology) Clinical Pharmacology Unit, University Children's Hospital, Belgrade, Serbia; Department of Pharmacology, Clinical Pharmacology and Toxicology, School of Medicine, University of Belgrade, Serbia Efficacy, safety and quality of drugs in children
11.50-12.10	Vesna Kojić, PhD Oncology Institute of Vojvodina, Experimental Oncology Department, Sremska Kamenica, Serbia Synthesis and biological activity of tiazole C-nucleosides
12.20-13.00	Short break
13.00-13.20	Perica J. Vasiljević, PhD Department of Biology and Ecology, Faculty of Science and Mathematics, University of Nis, Serbia Potential of HAp composite scaffolds and bone marrow stem cells in bone repair
13.20-13.40	Aleksandra Zeljković, PhD Department of Medical Biochemistry, Faculty of Pharmacy, University of Belgrade, Serbia Electrophoretic characterization of low-density and high-density lipoprotein subclasses and its significance in ischemic cardiovascular and cerebrovascular diseases
13.40-14.00	Marko N. Živanović, PhD Department for Biology and Ecology, Faculty of Science, University of Kragujevac, Serbia Electrochemical Analysis of Polyamino Acids and Proteins
14.00-14.30	Break with refreshments provided
14.20-14.40	Aleksandra Uskoković, PhD Department of Molecular Biology, Institute for Biological Research “Siniša Stanković”, University of Belgrade, Belgrade, Serbia β-glucan-enriched extract ("Actiglucane") activates beneficial hepatic antioxidant and anti-inflammatory mechanisms in streptozotocin-induced diabetic rats
14.50-15.10	Ivona Baričević-Jones, PhD Institute of Cancer Sciences, University of Manchester, Manchester, UK Signalling and mitogenic activity of insulin analogue X10
15.10-	Discussion and concluding remarks