## PROGRAM

<table>
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<th>Time</th>
<th>Session</th>
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<td>10.00-10.05</td>
<td>Welcome messages from: Prof. Mihajlo B. Spasić (President of the Serbian Biochemical Society) Prof. Branimir S. Jovančićević (Dean of the Faculty of Chemistry)</td>
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| 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 |