



# Serbian Biochemical Society

## XI Conference

### "Amazing Biochemistry"

**Novi Sad, Faculty of Science, September 22-23 2022**

#### PROGRAMME

*Day 1 – Thursday, September 22<sup>nd</sup> 2022*

8:30 – 10:00	Participants registration and posters posting	
10:00 – 10:15	Opening ceremony	
10:15 – 11:00	PL1	<b>István Zupkó</b> Department of Pharmacodynamics and Biopharmacy, University of Szeged, Szeged, Hungary <b>Cancer metastasis: methodological challenges and pharmacological possibilities (FEBS3+ Lecture)</b>
11:00 – 12:15	Poster Session 1 & Coffee Break	
12:15 – 12:45	IL1	<b>Andrej Veljković</b> University of Niš Faculty of Medicine, Department Biochemistry, Niš, Serbia <b>Mechanisms of oxidative stress and antioxidant protection in carcinogenesis</b>
12:45 – 13:00	SL1	<b>Marija Maksimović</b> MDPI - Multidisciplinary Digital Publishing Institute <b>Open Access Publishing: Trends and Perspectives</b>
13:00 – 13:15	OP1	<b>Yaraslau Dzichenka</b> Institute of Bioorganic Chemistry of National Academy of Sciences of Belarus, Minsk, Belarus <b>Novel promising fluorescent ligands of human CYP17A1</b>
13:15 – 13:30	OP2	<b>Dragana Pap</b> Students Health Protection Institute Novi Sad, Novi Sad, Serbia <b>Antioxidant defense, obesity, type 2 diabetes in students</b>
13:30 – 13:45	OP3	<b>Tamara Antić</b> Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia <b>HDL functionality in women with preeclampsia</b>
13:45 – 14:00	OP4	<b>Mirjana Radomirović</b> University of Belgrade - Faculty of Chemistry, Belgrade, Serbia <b>Development and comparison of Western blot, dot blot and ELISA for mussels tropomyosin quantification</b>
14:00 – 15:00	Cocktail / Lunch break	
15:00 – 15:30	IL2	<b>Roman Jerala</b> National Institute of Chemistry, Department of Synthetic Biology and Immunology, Ljubljana, Slovenia <b>Coiled-coil modules for designed protein folds and cellular logic circuits</b>

IL3 **Jelena Danilović Luković**

University of Belgrade - Institute for the Application of Nuclear Energy, Belgrade  
Serbia

**Extracellular vesicles in a maze of glycomic complexity**

16:00 – 23:00 **Social events (guided tour and Conference dinner)**

## Day 2 – Friday, September 23<sup>rd</sup> 2022

8:30 – 10:00 **Participants registration and posters posting**

10:00 – 10:45 PL2 **Brankica Janković**

University of Zurich, Department of Chemistry, Zurich, Switzerland

**Design of proteins whose structure and function can be controlled by light (Diaspora Lecture)**

10:45 – 12:00 **Poster Session 2 & Coffee Break**

12:00 – 12:30 IL4 **Sonja Milić Komić**

University of Belgrade - Institute for Multidisciplinary Research, Belgrade, Serbia

**Late Embryogenesis Abundant Proteins: Structural Characterization and Interaction with  $\alpha$ -Synuclein**

12:30 – 13:00 IL5 **Miloš Matic**

University of Kragujevac Faculty of Science, Department of Biology and Ecology, Kragujevac, Serbia

**The role of interleukin-6 in placenta and possible pregnancy risks in patients with COVID-19**

13:00 – 13:15 OP5 **Aleksandra Milenković**

University of Niš, Faculty of Technology, Leskovac, Serbia

**Chemical composition and antioxidant activity of Frankincense essential oil**

13:15 – 13:30 OP6 **Filip Štrbac**

Department of Veterinary Medicine, Faculty of Agriculture, University of Novi Sad, Novi Sad, Serbia

**Chemical composition of sage (*Salvia officinalis* L.) essential oil and its anthelmintic properties against sheep gastrointestinal nematodes**

13:30 – 13:45 OP7 **Dragica Mićanović**

Institute for Biological Research "Siniša Stanković", University of Belgrade, Belgrade, Serbia

**Effects of chokeberry fruit water extract on immune system in mouse models of infection and melanoma**

13:45 – 14:45 **Cocktail / Lunch break**

14:45 – 15:15 IL6 **Miron Sopić**

University of Belgrade, Faculty of Pharmacy, Department of Medical Biochemistry, Belgrade, Serbia

**Change of transcriptomic signature in subcutaneous adipose tissue induced by weight loss**

15:15 – 15:45 IL7 **Dejan Orčić**

University of Novi Sad Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection, Novi Sad, Serbia

**Phytochemical and biochemical studies of wild chervil (*Anthriscus sylvestris*)**

15:45 – 16:00 **Poster and oral presentation awards and closing ceremony**