



**Serbian Biochemical Society**

**XII Conference of the Serbian Biochemical Society  
„Biochemistry in Biotechnology“**

with ANSO-CR-PP-2021-01 project Joint Meeting

**September 21–23, 2023 | Belgrade, Serbia**

**P R O G R A M M E**

**Day 1 – Thursday, September 21<sup>st</sup>**

(Serbian Academy of Sciences and Arts: Ceremony Hall)

<b>09:00–10:00</b>	Participants registration
<b>10:00–10:20</b>	Opening ceremony - Welcome messages by Marija Gavrović Jankulović - SBS and Vladimir Stevanović - SASA
<b><u>Section 1</u></b>	
<b>10:20–11:00</b>	Mario Gabričević, University of Zagreb, Croatia <b>FEBS3+ Lecture: Protein-ligand interactions – Alpha-1-acid glycoprotein (Orosomucoid) with drugs: Multitechnic approach</b>
<b>11:00–11:30</b>	Marija Stojadinović, University of Belgrade – Faculty of Chemistry <b>BDS-IL1: Macrophage polarization in infectious diseases</b>
<b>11:30–12:00</b>	Coffee Break
<b><u>Section 2</u></b>	
<b>12:00–12:30</b>	Jelena Bašić, University of Niš, Faculty of Medicine <b>BDS-IL2: APOE and matrix remodeling – a link to neurodegeneration in Alzheimer’s disease</b>
<b>12:30–13:00</b>	Nevena Tomašević, University of Kragujevac, Faculty of Science <b>BDS-IL3: Histone deacetylase 4, an epigenetic target for spinal muscular atrophy</b>
<b>13:00–13:30</b>	Jasmina Ivanišević, University of Belgrade – Faculty of Pharmacy <b>BDS-IL4: HDL-associated proteins in hypertensive disorders of pregnancy</b>

**13:30–15:15** Poster Session 1 & Lunch break  
**(University of Belgrade – Faculty of Chemistry)**

### **Section 3**

- 15:30–16:00** Sophie Combet, Laboratoire Léon Brillouin UMR12 CEA-CNRS, France  
**ANSO-IL1: Stability of food proteins at high-pressure conditions**
- 16:00–16:30** Annie Brûlet, Laboratoire Léon Brillouin UMR12 CEA-CNRS, France  
**ANSO-IL2: Monitoring food structure in plant protein gels during digestion by scattering techniques**
- 16:30–17:00** Ali Assifaoui, PAM Unit, Team Physical chemistry applied to Food and Wine, AgroSupDijon, University of Burgundy, France  
**ANSO-IL3: Polysaccharide-based hydrogels: structure and function**

**18:30–22:00** Social event 1 - guided tour and dinner/ To be announced

## **Day 2 – Friday, September 22<sup>nd</sup>**

(University of Belgrade – Faculty of Chemistry: Ceremony Hall)

**9:00–10:00** Participants registration and poster posting

### **Section 4**

- 10:00–10:30** Zhao Minyan / Li Qian / Xu Shuwen (ANSO)  
**Presentation of the ANSO (Alliance of International Science Organizations) program**
- 10:30–10:45** Ana Vesković, University of Belgrade - Faculty of Physical Chemistry  
**BDS-OP1: EPR imaging of redox-responsive hydrogels**
- 10:45–11:00** Nikolina Sibinčić, Innovative Centre ltd., University of Belgrade – Faculty of Chemistry  
**BDS-OP2: Expression of recombinant SARS-CoV-2 nucleocapsid protein in mammalian cells**
- 11:00–11:15** Jovana Stevanović, University of Belgrade - Institute for the Application of Nuclear Energy  
**BDS-OP3: Evaluation of long noncoding RNAs *H19* and *MALAT1* as oxidative stress indicators in gestational diabetes**

**11:15–11:45** Coffee Break

### **Section 5**

- 11:45–12:15** Jelena Purać, University of Novi Sad, Faculty of Sciences, Department of Biology and Ecology  
**BDS-IL5: Implications of dietary and endogenous polyamines for the health and longevity of honey bees**
- 12:15–12:45** Neda Aničić, University of Belgrade – Institute for Biological Research “Siniša Stanković”  
**BDS-IL6: Insights into iridoid biosynthesis in *Nepeta* species (subfam. *Nepetoideae*, fam. *Lamiaceae*): Functional characterization of a key enzyme**

- 12:45–13:00** Jelena Spremo, Faculty of Sciences, Department of Biology and Ecology, University of Novi Sad  
**BDS-OP4: The impact of spermidine supplementation on genes involved in autophagy in honey bee (*Apis mellifera* L.)**
- 13:00–13:15** Antos Sachanka, Institute of Bioorganic Chemistry of the National Academy of Sciences of Belarus, Belarus  
**BDS-OP5: Design and property of the fusion enzyme of bovine DNA-exotransferase and DNA binding protein *Sso7d* from *S. solfataricus***
- 13:15–13:30** Natalija Andrejević, Faculty of Chemistry, University of Belgrade  
**BDS-OP6: Amyloid fibrillation of egg-white proteins and its tendency to bind synthetic dye from water solutions**

**13:30–15:00** Poster Session 2 & Lunch break

### **Section 6:**

- 15:00–15:30** Camille Loupiac, UMR PAM, Team PCAV, Institut Agro Dijon, France  
**ANSO-IL4: Food proteins under stresses**
- 15:30–16:00** Andrea Rajković, Faculty of Bioscience Engineering, Department of Food Technology, Food Safety and Health, Ghent University, Belgium  
**ANSO-IL5: Be serious about *B. cereus*: facts that do(not) age well**
- 16:00–16:30** Aleksandra Martinović, Food Hub, University Donja Gorica, Montenegro  
**ANSO-IL6: The significance of the contemporary tools of the microbial food safety risk assessment**

**18:30–22:00** Social event 2 - dinner / ANSO organized event / To be announced

## **Day 3 – Saturday, September 23<sup>rd</sup>**

(University of Belgrade – Faculty of Chemistry: Ceremony Hall)

### **Section 7**

- 10:00–10:30** Jaroslav Katrlík, Slovak Academy of Sciences, Slovakia  
**ANSO-IL7: Study of biomolecular interactions by biosensors and biochips**
- 10:30–11:00** Jelena Žakula, University of Belgrade - Institute of Nuclear Sciences Vinča  
**BDS-IL7: Programmed cell death induced by Ru(II) complex**
- 11:00–11:30** Ivan Spasojević, University of Belgrade - Institute for Multidisciplinary Research  
**ANSO-IL8: Microalgae and transition metals - adaptation and opportunities**

**11:30–12:15** Coffee Break & Cocktail

**12:15–12:30** Posters and speed talks awards announcement

**12:30–13:00** Closing ceremony

**14:30–17:00** Social event 3 - guided tour / visit to the National Museum