



**Serbian Biochemical Society**

**XII Conference of the Serbian Biochemical Society**

**„Biochemistry in Biotechnology“**

September 21-23, 2023 | Belgrade

**Preliminary programme**

**FEBS3+ lecture**

**Mario Gabričević**

University of Zagreb, Croatia

**Protein-ligand interactions – Alpha-1-Acid Glycoprotein (Orosomucoid) with drugs:  
Multitechnic approach**

**Invited lectures**

**Marija Stojadinović**

University of Belgrade – Faculty of Chemistry

**Macrophage polarization in infectious diseases**

**Ivana Milenković**

University of Belgrade – Institute for Multidisciplinary Research

**Toxicity and biological impact of carbon dots and cerium oxide nanoparticles on selected  
plant species**

**Jelena Purać**

University of Novi Sad, Faculty of Sciences, Department of Biology and Ecology

**Implications of dietary and endogenous polyamines for the health and longevity of honey  
bees**

**Jelena Bašić**

University of Niš, Faculty of Medicine

**APOE and matrix remodeling – a link to neurodegeneration in Alzheimer's disease**

**Nevena Tomašević**

University of Kragujevac, Faculty of Science

**Histone deacetylase 4, an epigenetic target for spinal muscular atrophy**

**Jasmina Ivanišević**

University of Belgrade – Faculty of Pharmacy

**HDL-associated proteins in hypertensive disorders of pregnancy**

**Jelena Žakula**

University of Belgrade - Institute of Nuclear Sciences "Vinča

**Programmed cell death induced by Ru(II) complex**

**Neda Aničić**

University of Belgrade – Institute for Biological Research "Siniša Stanković"

**Insights into iridoid biosynthesis in *Nepeta* species (subfam. *Nepetoideae*, fam. *Lamiaceae*): Functional characterization of a key enzyme**

**ANSO Program**

**Annie Brulet**

Laboratoire Léon Brillouin UMR12 CEA-CNRS, France

**Monitoring food structure in plant protein gels during digestion by scattering techniques**

**Camille Loupiac**

UMR PAM, Team PCAV, Institut Agro Dijon, France

**Food proteins under stress**

**Ali Assifaoui**

PAM Unit, Team Physical chemistry applied to Food and Wine. AgroSupDijon / University of Burgundy, France

**Polysaccharide-based hydrogels: structure and function**

**Sophie Combet**

Laboratoire Léon Brillouin UMR12 CEA-CNRS, France

**Stability of food proteins at high pressure conditions**

**Jaroslava Katrlik**

Slovak Academy of Sciences, Slovakia

**Study of biomolecular interactions by SPR**

**Aleksandra Martinović**

Food Hub, University Donja Gorica, Montenegro

**The significance of the contemporary tools of the microbial food safety risk assessment**

**Ivan Spasojević**

University of Belgrade - Institute for Multidisciplinary Research

**Microalgae and transition metals - adaptation and opportunities**

**Theodore G. Sotiroudis**

Institute of Chemical Biology, National Hellenic Research Foundation, Athens, Greece

**Bioactive components of Spirulina (Arthrospira maxima) inhibit platelet aggregation induced by the inflammatory and thrombotic mediators, platelet activating factor (PAF) and thrombin**

**Andrea Rajković**

Faculty of Bioscience Engineering, Department of Food Technology, Food Safety and Health, Ghent University, Belgium

**Be serious about B. cereus: facts that do(not) age well**

**Zhao Minyan / Li Qian / Xu Shuwen**

ANSO

**Presentation of the ANSO (Alliance of International Science Organizations) program**