

The program of V SePA symposium, Novi Sad, May, 31st 2019.

V SePA symposium: Proteomics in the analysis of food, environmental protection and medical research

14:00 Prof. Dr Srđan Rončević, Dr Ivana Borišev, University of Novi Sad, Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection: Opening ceremony.

14:10 Prof. dr Tatjana Simić, University of Belgrade, Institute of Medical and Clinical Biochemistry, Faculty of Medicine, Serbian Academy of Sciences and Arts: Analysis of redox homeostasis biomarkers and determination of relative cytokine expression by proteome profiler array in HUVECs incubated in uremic serum.

14:40 Dr Vukosava Milić Torres, University of Lisbon, Faculty of Sciences, Center for Chemistry and biochemistry: Clinical Proteomics in Practice – how close we are of the dream?

15:10 Dr Vladimir Kovačević, Seven Bridges Genomics: Neoantigen discovery - prediction of cancer markers from NGS data.

15:40 Prof. dr Edward Petri, University of Novi Sad, Faculty of Sciences, Department of Biology and Ecology, Laboratory for biochemistry and molecular biology: Structural bioinformatics analysis of protein targets of steroidal anticancer compounds.

16:10 Dr Luka Mihajlović, Analysis doo: “Updates on fragmentation technologies in proteomics”.

16:20 Coffee break: Poster section

16:30 Prof. dr Vera Ignjatović, The University of Melbourne, Parkville, Victoria, Australia Murdoch Children’s Research Institute; Principal Fellow, Department of Paediatrics: Developmental proteomics: the importance of age specific differences in the human plasma proteome.

16:45 Dr Katarina Smiljanić, University of Belgrade, Faculty of chemistry, In-depth quantitative profiling of post-translational modifications of Timothy grass pollen proteome in relation to environmental pollution and causal oxidative stress.

17:00 Dr Dragana Filipović, University of Belgrade, Institute of Nuclear Sciences Vinča, Laboratory for molecular biology and endocrinology: Proteomic analysis of hippocampus of chronically socially isolated rats treated with fluoxetine.

17:15 Dr Jelena Radosavljević, University of Belgrade, Faculty of chemistry: Gastric digestion of milk: proteomic identification and functional characterization of peptides resistant to proteolysis.

17:30 Jelena Mihailović, University of Belgrade, Faculty of chemistry: Comparative study of raw and thermally treated peanut major allergen post-translational modifications (PTMs)

17:45 Dr Davor Lončar, SUPERLAB Group/AB Sciex: "Pushing the edge in Mass Spectrometry – Enhanced QTOF and QTRAP platforms".

17:55 Poster section

18:10 Discussion and closing ceremony

18:20 Annual assembly of the SePA

19:00 Dinner