

# VI simpozijum Srpskog udruženja za proteomiku – SePA “Razvoj i primena novih metoda proteomike”

2. jun 2023.

Rektorat Univerziteta u Kragujevcu



## PROGRAM

13:00 Otvaranje simpozijuma, Prof. Dr Marija Stanić - dekan, Prof. Dr Nevena Đukić

13:10 Dr Lidija Izrael-Živković, “Proteome changes of the model bacteria *Pseudomonas aeruginosa* san ai exposed to nanoceria”

13:30 Dr Ana Medić, “Flexibility of carbon catabolic pathways in *Pseudomonas aeruginosa* san ai during the biodegradation of toxic organic compounds- a multiomics approach”

13:50 Dr Katarina Smiljanić, “Alterations in proteomic profiles of lung epithelial cell line BEAS 2B upon treatments with electronic cigarettes liquids and pure nicotine”

14:10 Dr Nataša Avramović, “Primena NMR spektroskopije u metabolomici”

14:30 Dr Romana Masnikosa, “Plasma profile of inflammatory mediators in NHL patients”

14:50 Pauza: Poster sekcija

15:10 Dr Marko Živanović, “Scaffolds for in vivo wound healing”

15:30 Dr Milan Mladenović, “Computational Approaches in Modulating the Estrogen Receptor  $\alpha$ ; Signaling: A Pathway for Breast Cancer Cure Discovery?”

15:50 Dr Milena Milutinović, “The impact of natural products on the expression of apoptosis and biotransformation-related genes and proteins in immortalized carcinoma cell lines”

16:10 Dr Maja Krstić Ristivojević, “Identification of isoforms of shellfish tropomyosin”

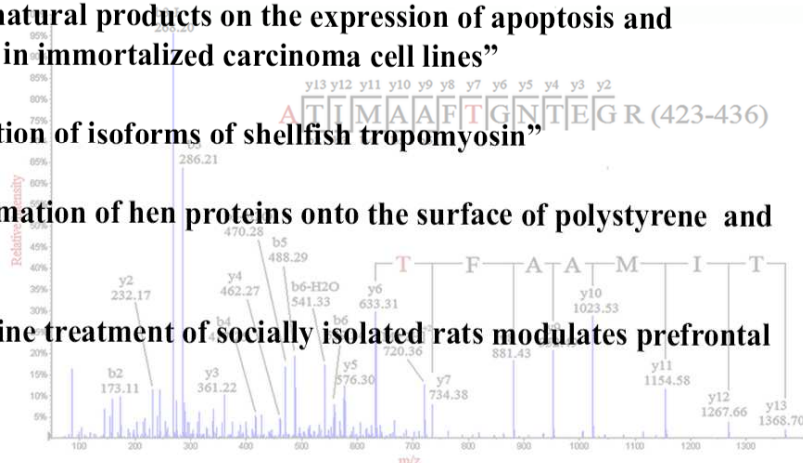
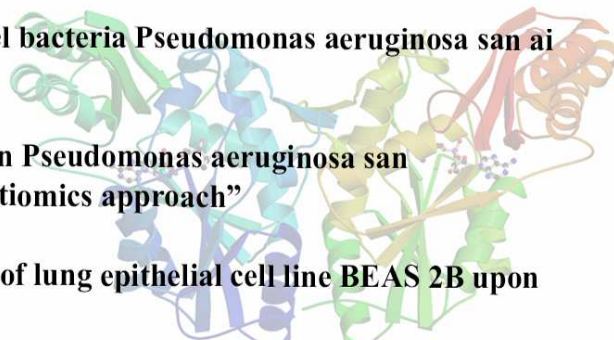
16:30 Dr Nikola Gligorijević, “Biocorona formation of hen proteins onto the surface of polystyrene and polyethylene terephthalate”

16:50 Dr Dragana Filipović, “Chronic fluoxetine treatment of socially isolated rats modulates prefrontal cortex proteome”

17:10 Pauza

17:30 Diskusija i zatvaranje skupa

18:00 Godišnja skupština društva



**Ulaz na simpozijum je slobodan**

Naučni odbor: Prof. dr Tanja Ćirković-Veličković, Prof. dr Tatjana Simić, Prof. dr Marija Plješa Ercegovac, Prof. dr Ivanka Karadžić, dr Svetlana Dinić, dr Melita Vidaković, dr Marko Radulović, Prof dr Marija Gavrović-Jankulović, Dr Ivana Prodić, Dr Ivana Borišev, Dr Katarina Smiljanić, Prof. dr Nevena Đukić, Dr Romana Masnikosa

Organizacioni odbor: Prof.dr Nevena Đukić, Dr Katarina Smiljanić, Dr Ivana Prodić, Dr Miloš Matić, Dr Vladimir Mihailović, Dr Stefan Marković, Prof. dr Tanja Ćirković -Veličković

Program VI SePA simpozijuma, Rektorat, Kragujevac, 2. jun 2023. godine

## **VI Simpozijum Srpskog udruženja za proteomiku “Razvoj i primena novih metoda proteomike”**

13:00 **Prof. Dr Marija Stanić** - dekan PMF Kragujevac, **Prof. Dr Nevena Đukić**, PMF-Kragujevac, otvaranje VI SePA simpozijuma.

13:10 **Dr Lidija Izrael – Živković**, “Proteome changes of the model bacteria *Pseudomonas aeruginosa* san ai exposed to nanoceria”, Institut za hemiju, Medicinski fakultet, Univerzitet u Beogradu, Višegradska 26, Beograd, Srbija

13:30 **Dr Ana Medić**, “Flexibility of carbon catabolic pathways in *Pseudomonas aeruginosa* san ai during the biodegradation of toxic organic compounds- a multiomics approach”, Institut za hemiju, Medicinski fakultet, Univerzitet u Beogradu, Višegradska 26, Beograd, Srbija

13:50 **Dr Katarina Smiljanić**, “Alterations in proteomic profiles of lung epithelial cell line BEAS 2B upon treatments with electronic cigarettes liquids and pure nicotine”, Univerzitet u Beogradu – Hemijski fakultet, Studentski trg 12-16, Beograd, Srbija

14:10 **Dr Nataša Avramović**, “Application of NMR spectroscopy in metabolomics”, Institut za hemiju, Medicinski fakultet, Univerzitet u Beogradu, Višegradska 26, Beograd, Srbija

14:30 **Dr Romana Masnikosa**, “Plasma profile of inflammatory mediators in NHL patients”, Institut za nuklearne nauke „Vinča“, Laboratorija za fizičku hemiju, Mike Petrovića Alasa 12-14 11351 Vinča, Beograd, Srbija

14:50 Pauza: Poster sekcija

15:10 **Dr Marko Živanović**: “Scaffolds for in vivo wound healing, Institut za informacione tehnologije Kragujevac, Jovana Cvijića bb, 34000 Kragujevac.

15:30 **Dr Milan Mladenović**: “Computational Approaches in Modulating the Estrogen Receptor  $\alpha$ ; Signaling: A Pathway for Breast Cancer Cure Discovery?”, Univerzitet u Kragujevcu, Prirodno – matematički fakultet, Institut za Hemiju, Radoja Domanovića 12, Kragujevac, Srbija

15:50 **Dr Milena Milutinović**: „The impact of natural products on the expression of apoptosis and biotransformation-related genes and proteins in immortalized carcinoma cell lines” Univerzitet u Kragujevcu, Prirodno – matematički fakultet, Institut za Biologiju i Ekologiju, Radoja Domanovića 12, Kragujevac, Srbija

16:10 **Dr Maja Krstić Ristivojević**,” Identification of isoforms of shellfish tropomyosin” Univerzitet u Beogradu – Hemijski fakultet, Studentski trg 12-16, Beograd, Srbija

16:30 **Dr Nikola Gligorijević**, “Biocorona formation of hen proteins onto the surface of polystyrene and polyethylene terephthalate”, Univerzitet u Beogradu – Hemijski fakultet, Studentski trg 12-16, Beograd, Srbija

16:50 **Dr Dragana Filipović**, “Chronic fluoxetine treatment of socially isolated rats modulates prefrontal cortex proteome”, Institut za nuklearne nauke „Vinča“, Laboratorija za molekularnu biologiju i endokrinologiju, Mike Petrovića Alasa 12-14 11351 Vinča, Beograd, Srbija

17:10 Pauza

17:30 Diskusija i zatvaranje skupa

18:00 Godišnja skupština društva