

IX konferencija BDS održana 14.-16.11.2019. godine u Beogradu

IX konferencija BDS pod naslovom “**Diversity in Biochemistry**”, održana je od 14. do 16. Novembra u Beogradu, u Zadužbini Ilije M. Kolarca i na Hemijskom fakultetu. Preko 160 učesnika iz naše zemlje (univerzitetski i naučni centri iz Novog Sada, Kragujevca, Niša i Beograda) i inostranstva (Velika Britanija, Nemačka, Mađarska, Slovenija, Hrvatska, Turska, Španija, Belorusija, Crna Gora, Bosna i Hercegovina), prikazali su rezultate istraživanja u oblasti biohemije i srodnih nauka (*Life sciences*) na plenarnim i predavanjima po pozivu, kao i kroz kratka izlaganja i na poster sesijama.

Dr Dejani Mokranjac sa Ludwig-Maximilians Univerziteta, Nemačka, uručena je plaketa *FEBS National Lecturer* za održano predavanje “*A journey along the TIM23 complex, the major protein translocase of the mitochondrial inner membrane*”.

U okviru *FEBS Umbrella* sesije, predavanja su održale **dr Jerka Dumić** (WG on Integration) “*FEBS Activities and Fellowships*”, **dr Ferhan Sagin** (WG on Education) “*How to use educational technology to make education better – Not just different or entertaining!*”, i **dr Irene Diaz Moreno** (WG on Career of Young Scientists) “*How FEBS supports young scientists' career*”.

Nagrade za najbolje prikazivanje postera su dobili, po sesijama:

General and Analytical Biochemistry:

Oginni Gbenga Folorunsho, "Functionalized nanobodies: A bio-recognition molecule for the detection of the toxic microalgae *Alexandrium minutum* by means of an electrochemical immunosensor"

Biomedicine:

Isidora Protić-Rosić, "Modulation of peritoneal murine macrophages functional characteristics by Bet v 1-BanLec chimera"

Enzymology, Bioinformatics and Biotechnology:

Karla Ilić Đurđić, "Improvement in azo dyes degradation by saturation mutagenesis of lignin peroxidase catalytic tryptophan environment"

Food Science and Ethnopharmacology:

Farkas Sarnyai, "Effect of dietary trans fatty acids on ceramide and diglyceride levels in rat insulinoma cells"

Pohvale za prikazivanje postera su dobili:

Tatjana Majkić, "Cabernet Sauvignon wine as acetylcholinesterase inhibitor"

Péter Szelényi, "Inhibition of microsomal cortisol production – different polyphenols, different mechanisms"

Luka Breberina, "Anion- π interactions in phycocyanin interfaces: a computational analysis"

Milica Crnoglavac, "Purification and characterization of α -glucosidase from *Saccharomyces cerevisiae* heterologously expressed in periplasmic and intracellular space of *E. coli*"

Ivana Stančević, "Purification and characterization of α -glucosidase from *Saccharomyces cerevisiae* heterologously expressed in periplasmic and intracellular space of *E. coli*"

Ivan Koprivica, "Suppression of type 1 diabetes in mice by oral treatment with ATRA- and TGF- β -loaded microparticles"

Sofija Bekić, "Optimization of ligand binding assay in yeast for identification of phytoestrogens with affinity for estrogen receptor β "

Jelica Milošević, "Kinetics of amyloid fibril formation in the presence of metal ions and low-molecular-weight compounds"

Kompanija **Nanotemper** je za mlade istraživače 16. i 17. novembra na Hemijskom fakultetu održala radionicu pod naslovom "*Workshop on microscale thermophoresis (hands-on-approach)*".

O zapaženom uspehu konferencije mogu se pročitati izveštaji u medijima (<http://www.rts.rs/page/magazine/sr/story/2523/nauka/3741330/deveta-konferencija-biohemijskog-drustva-srbije-nudi-novu-nadu.html>) i mogu se pogledati fotografije koje svedoče o izvrsnoj naučnoj, profesionalnoj i kolegijalnoj atmosferi tokom konferencije (dostupan na sajtu konferencije <http://biochemistry-conference.org.rs/index.php>).