

ISFMS2022 List of Posters

Poster Session 1 – Wednesday 07 September 2022; 18.00-18.45h

Poster Session	Poster Number	Author Name	Title
1	1	Ewa Kobylska	Safety studies of the long-acting insulin analogs in the scope of the biological properties of metabolites formed after the exposure of the drug to the blood plasma environment
1	2	Ana Tomašić Paić	Live cell imaging of DPP3 and SH2D3C protein interaction using bimolecular fluorescence complementation
1	3	Maya Rozenfeld	A PDE2-PKA dependent regulation of NCLX is mediating neuronal survival and cognitive function
1	4	Moran Melamed	ZnR/GPR39 Modulates Saliva Composition via Regulation of Na ⁺ /K ⁺ ATPase activity
1	5	Renata Rafaj	Proteomic Characterization of Feline Obesity
1	6	Rossitsa Hristova	Deregulated levels of RUVBL1 induce transcription-dependent replication stress
1	7	Iwona Gabriel	Acridines as antifungal agents – yeast topoisomerase II targeting
1	8	Marilica Zemkollari	Identification and characterisation of the first mollusc core 1 β 1,3-galactosyltransferase
1	9	Olga Alekseeva	Variation in viral tropism belongs to IDPR positions in structural proteins of enterovirus
1	10	Anna Dobrut	Molecular detection of Staphylococcus aureus fibronectin-binding protein A from bovine mastitis: a potential biomarker in lateral flow assay
1	11	Erik Wåhlén	Differential impact of lipid raft depletion on platelet-derived growth factor (PDGF)-induced ERK1/2 MAP-kinase, SRC and AKT signaling
1	12	Frida Olsson	1 α ,25-dihydroxyvitamin D3 and tacalcitol suppress the activation of STAT3 and anchorage-independent growth in T98G glioblastoma cells
1	13	Kristyna Slichko	Extensive bioinformatics analyses reveal phylogenetically conserved Topoisomerase II sites with novel putative functions
1	14	Jakub Kordaczuk	The role of Galleria mellonella cationic protein 8 in insect immunity

1	15	Karolina Strzelec	Genetic diversity of peptidylarginine deiminase and the pathogenicity of <i>Porphyromonas gingivalis</i>
1	16	Kamil Rakowski	Albumin as a platform for designing biologically active carriers
1	17	Beata Niklas	Insecticide-mediated allosteric changes in mosquito voltage-gated sodium channels
1	18	Simona Gurzu	C-reactive protein inhibitors: from cardiovascular disease to malignant processes
1	19	Boleslaw T. Karwowski	The Influence of DNA damage on glycosylases crosstalk via charge transfer. Electronic Properties of (4S/R) spiroiminodihydantoin: a Theoretical Approach
1	20	Masato Inazu	Choline transporter-like protein 1 (CTL1/SLC44A1) as a novel molecular target therapy for hepatocellular carcinoma
1	21	Blanca Valdovinos	Neutralizing ability of a single domain VNAR antibody: In vitro neutralization of SARS-CoV-2 variants Delta and Omicron

Poster Session 2 – Thursday 08 September 2022; 118.00-18.45h

Poster Session	Poster Number	Author Name	Title
2	1	Rauan Sakenov	Molecular Dynamics Modelling and Structural Analysis of FH2 Domain of Formin DAAM (<i>Drosophila Melanogaster</i>)
2	2	Taniya Bhardwaj	Unravelling the potential to form amyloid-like aggregates in proteins of Zika virus
2	3	Mietha Magdalena Van der Walt	A proposed computational target fishing and target identification framework revealed potential drug targets of Rooibos in Diabetes Mellitus
2	4	Mariana Mancini	NRF2 gene knockout contributes to mTOR signaling modulation, cell cycle arrest, and cisplatin sensitization in DU145 prostate cancer cells
2	5	Kumar Udit Saumya	Elucidating the amyloid aggregation propensity of zika virus transmembrane domains Capsid Anchor and 2K
2	6	Massimo Genovese	Selection and analysis of multitarget designed ligands able to inhibit Protein Tyrosine Phosphatase 1B and Aldose Reductase as new drugs for treatment of Type 2 diabetes and its complications
2	7	Magdalena Szota	Functionalization of PAMAM dendrimers by the Protein Corona
2	8	Maricela Gomez Salvador	Effect of NADPH oxidase (NOX2) inhibition in a resistant amebic experimental model
2	9	Roya Mehrasa	ATRAID, a highly glycosylated protein localized to membranous cellular compartments
2	10	Ilona Uzieliene	The effects of human menstrual blood mesenchymal stem cell growth factor proteins on cartilage tissue regeneration in vitro
2	11	Maritza Tatiana Velásquez Torres	Riluzole antiamebic activity against <i>Entamoeba histolytica</i> trophozoites
2	12	Xavier Gallart-Palau	A new approach to dissect the molecular basis of abnormal brain intercellular communication in schizophrenia
2	13	Maricela Gomez Salvador	Inhibition of NADPH oxidase (NOX2) in a susceptible amebic experimental model

2	14	Maritza Tatiana Velásquez Torres	Antiamebic effect of kaempferol against <i>Entamoeba histolytica</i> through dysregulation of amebic enzymes
2	15	Petr Snetkov	The Search of New Small Molecules for the Treating of Cardiac Amyloidosis by Molecular Docking into Target Protein Receptors
2	16	Petr Snetkov	Identification of the Structure and Genomic Variants in Amyloid Protein Fibrils by Next-Generation Sequencing
2	17	Danuta Witkowska	The Sars-CoV and Sars-CoV-2 spike protein interactions with the human protein receptor ACE2 and the impact of zinc ions on that interaction
2	18	Tawanda Zininga	Characterisation of the <i>Plasmodium falciparum</i> 90 kDa heat-shock protein
2	19	Samah Al-Harhi	Exploring the chaperoning activity and ligandability of the most versatile human protein carrier, the HSA
2	20	Azzam Hamad	EGF receptor signaling inhibits type I interferon response in models of oncolytic therapy by vesicular stomatitis virus
2	21	Kamila Kwiecien	Effects of DGAT1 deficiency on keratinocyte growth and function

