

Last name	First name	Country	Title
Ackermann	Elena	Germany	Stay viscoelastic: Mechanical properties of minimal actin cortices accessed by atomic force microscopy
Alicante Martinez	Sara	Spain	Development of biosensors based on ion channel and calmodulin complex structures for the discovery of new therapeutic drugs
Berksöz	Melike	Turkey	Molecular Mechanisms of Genetically Encoded Fluorescent Biosensors
Bisht	Konark	Denmark	A novel mechanism for membrane voltage sensing by dipolar peptides
Caldini	Chiara	Italy	Studying sub-cellular molecular organization in bacteria through single-molecule co-localization
Cetin	Ebru	Turkey	Hydrogen Bond Fingerprints: Revealing the Complexities of Protein Function
Chattopadhyay	Madhurima	Poland	Cooperative effort of sodium ions and water molecules facilitates lipid mobility in model cell membranes
Chmelová	Barbora	Czech Republic	Interpretation of STED-FCS diffusion law plots for nanoscopically heterogeneous membranes
Clarke	Amy	Austria	DAG activates TRPC3 through direct interaction with pore-lining residues
Czigleczi	Janka	Hungary	Functionally important C-terminus of small GTPase Ran: exploring its nucleotide-specific conformational surface
Davidović	David	Czech Republic	Nature of the interaction between ssDNA-loaded cationic Lipid Nanoparticles (cLNPs) and Giant Unilamellar Vesicles (GUVs) in Membrane Fusion
Dharan	Raviv	Israel	Tetraspanin 4 mediated migrasome formation mechanism
Fajdiga	Lija	Slovenia	Mechanical properties of Jurkat cells measured by deformability cytometry
Faria	Maria João	Portugal	Physicochemical optimization of lipid-based nanocarriers for topical ophthalmic therapeutic delivery towards the posterior segment of the eye
Fernandes	Eduarda	Portugal	Biophysical insights of an innovative lipid-engineered Stratum Corneum model for compound permeation studies
Galenkamp	Nicole	Netherlands	Hierarchical domain motions control the catalytic properties of adenylate kinase
Gancar	Miroslav	Slovakia	Herbal extracts' influence on the amyloid aggregation of human insulin
Garcia Gonzalez	Liher	Spain	Engineered artificial fluorescent proteins for biological light-emitting diodes

Georgaki	Galateia	Greece	Crystal structure of a selective $\alpha$ -Hydroxy- $\beta$ -amino Acid Bestatin Derivative inhibitor of ER aminopeptidase 2
Guven	Jasmin	United Kingdom	Exploiting the path independence of free energies to study potential inhibitors for $\beta$ -lactamases
Hosseini	Elnaz	Iran	Detection of amyloid polymorphism using super resolution fluorescence microscopy
Ives	Callum	Ireland	GlycoShape3D: A database and toolbox for structural glycomics
Jacko	Juraj	Slovakia	Effect of ERG6 gene deletion on the composition of selected sterols of the <i>Candida glabrata</i> plasma membrane
Juusti	Vilhelmiina	Finland	Liquid Crystalline Behavior of Bifunctional Phage-Biosensor in Biomedical Detection
Kavčič	Luka	Slovenia	Diverse structural landscape of the engineered potato virus Y coat protein assemblies
Kerdegari	Sajedah	Italy	Nuclear cell mechanics
Klepka	Barbara	Poland	Coral acid-rich protein-mediated process of calcium carbonate spherulites formation
Koerfer	Agnes	Germany	Measuring lipid dynamics and packing with MINFLUX microscopy
Kozeleková	Aneta	Czech Republic	14-3-3 dimer vs monomer – (dis)similarities in Tau protein binding
Krok	Emilia	Poland	Impact of water scarcity conditions on the nanoscale structural arrangement of biomimetic cell membranes
Luchetti	Nicole	Italy	Structural Controllability of Unfolded Protein Response Network Models: Protein-Protein Interaction Databases Comparison
Mahadeva	Manohara	Poland	Dependence of cell's membrane potential on extracellular voltage observed in algae
Malempré	Romain	Belgium	Unravelling the folding of a large monomeric model protein at high resolution through HDX-MS
Muguruza-Montero	Arantza	Spain	Calmodulin is critical for folding of the Kv7.2 calcium responsive domain as the nascent peptide exits the ribosome
Njemoga	Stefana	Slovakia	The hybrid approach to structural characterization of tau aggregation domains

Oprea	Daniela	Romania	Polyphenolic plant extracts as cell protector against oxidative stress induced by reactive oxygen species
Pacia	Marta	Poland	Vascular lipid droplets and endothelial Na <sup>+</sup> signalling: brothers in arms or partners in crime?
Paez Perez	Miguel	United Kingdom	Molecular rotors as tools to explore the mechanical behaviour of lipid membranes under stress
Pajtinka	Peter	Czech Republic	Amphipathic helices can sense negative membrane curvature
Perez-Chirinos	Laura	Spain	Tuning the dimensionality of supramolecular materials through the design of peptide-protein co-assemblies.
Pérez-Jover	Isabel	Spain	Drp1 C-terminal region regulates its fission activity
Pevná	Viktória	Slovakia	Apoptotic changes in 3D spheroids caused by photodynamic therapy
Piller	Paulina	Austria	Allosteric Modulation of Integral Protein Activity by Differential Stress in Asymmetric Membranes
Piomponi	Valerio	Italy	Combining Molecular Dynamics and Solution Experiments to Investigate the Impact of RNA Modifications on Structural Dynamics.
Pramanik	Shreya	Germany	Modulating membrane tension of giant vesicles using Atlastin
Pupkis	Vilmantas	Lithuania	Electrical excitability-enhancing action of Inositol 1,4,5 trisphosphate (IP3) on macroalgae <i>Nitellopsis obtusa</i>
Rauhalahti	Markus	Finland	Exploring the conformational states of experimental and predicted respiratory complex I structures
Reichel	Anna	Portugal	Edible alginate-based films as natural anti-SARS-CoV-2 barriers
Ricci	Caterina	Italy	TDP-43 structure and interactions
Saidi	Amal	Belgium	Structural dynamics basis of function in the SecB chaperone
Simankov	Nikolay	Belgium	Biophysical Features and Local Early Conformational Propensities in Intrinsically Disordered Regions of Rhabdoviral Glycoproteins
Simon	Márton András	Hungary	EFFECT OF ΔF508 AND G551D CYSTIC FIBROSIS MUTATIONS ON CFTR-PKA INTERACTION
Štulajterová	Monika	Slovakia	Characterization of biophysical properties of staphylokinase variant selected by ribosome display
Tamulytė	Rimgailė	Lithuania	The Effects of Calcium on Lipid-S100 Proteins Interactions

Thienpont	Batiste	France	The influence of lipids on the structure, function and dynamics of Escherichia coli Aquaporin Z
Tomás	Ana	Portugal	Multi-surface disinfection based on UV-C irradiation to mitigate SARS-CoV-2 transmission
Tomkova	Adriana	Slovakia	Thermodynamic properties of the F type ferryl intermediate of the cytochrome c oxidase
Velísková	Martina	Slovakia	Excitation-emission matrices of exosomes isolated from urine
Žibrat	Nika	Slovenia	Phytophthora parasitica NLP shares three-dimensional fold and plant plasma membrane receptor with other Nep 1-like proteins
Zulueta Díaz	Yenisleidy De Las Mercedes	Denmark	Super resolution techniques combined with image spatial correlation analysis to study Angiotensin II type 1 receptor' dynamic and organization in renal cells.