

Nr.	Last Name	First Name	Affiliation	Section/Poster Prize Category	Title
1	Allard	Julien	University of Basel	Autophagy & Microscopy	Comparison of structure-function relationship of H6PD and G6PD: H6PD mutant Y41K alters substrate specificity
2	Anton	Leonie	University of Bern	Autophagy & Microscopy	Visualizing Plasmodium falciparum 80S ribosome using in situ cryoET
3	Arinkin	Vladimir	University of Geneva	Autophagy & Microscopy	Structures and dynamics of the Sleeping Beauty protein-DNA assemblies during excision and integration
4	Bayramoglu	Ibrahim	University of Fribourg	Autophagy & Microscopy	Using Phosphoproteomics to Explore Autophagy Relevant TBK1 Signal Transduction
5	Benitez Fernandez	Rocio	University of Fribourg	Autophagy & Microscopy	How is NIX-dependent mitophagy involved in oligodendrocytes differentiation?
6	Gambarotto	Lisa	University of Lausanne	Autophagy & Microscopy	Autophagic regulation of RNAs in the brain.
7	Gargano	Deborah	University of Molise	Autophagy & Microscopy	3D cell models: a valuable tool to study autophagy role in glioblastoma biology
8	Lemaitre	Florent	University of Geneva	Autophagy & Microscopy	Cryo-Expansion Microscopy: unveiling the molecular Architecture of the Immune Synapse
9	Leytens	Alexandre	University of Fribourg	Autophagy & Microscopy	Targeted proteomics addresses selectivity and complexity of protein degradation by autophagy
10	Lopez Jimenez	Ana Teresa	London School of Hygiene and Tropical Medicine	Autophagy & Microscopy	Mapping the host-Shigella interface with proximity biotinylation reveals novel E3 ligase important for infection.
11	Tortarolo	Giorgio	EPF Lausanne	Autophagy & Microscopy	Gentle and multi-color imaging of region of interests through Smart Scanning Event Driven Acquisition
12	Coudert	Elisabeth	Swiss Institute of Bioinformatics	Bioinformatics & Systems Biology	Rhea, a FAIR resource of expert curated biochemical and transport reactions
13	de Castro	Edouard	Swiss Institute of Bioinformatics	Bioinformatics & Systems Biology	ENZCHEMRED, a rich enzyme reaction dataset for fine-tuning and benchmarking large language models to assist curation of the enzyme literature
14	Gagliardi	Paolo Armando	University of Torino, Italy	Bioinformatics & Systems Biology	Targeting Emergent Properties of Signaling Dynamics: Collective ERK-Activity Waves in PIK3CA H1047R Mutant Cells
15	Gligorovski	Vojislav	EPF Lausanne	Bioinformatics & Systems Biology	A geometrical model of cell fate transitions in the budding yeast life-cycle
16	Jahn	Joanna	University of Birmingham	Bioinformatics & Systems Biology	Multi-omic Bioinformatic Approaches for Investigating SATB2 Interactions in Neurodevelopment
17	Keshk	Omar	EPF Lausanne	Bioinformatics & Systems Biology	Genome-scale metabolic models for a synthetic soil microbial community as a path for understanding community functioning
18	Labagnara	Marco	EPF Lausanne	Bioinformatics & Systems Biology	Discovering novel synthetic lethal interactions using a mathematical model of yeast cell cycle control
19	Lenart	Peter	University Hospital Bern	Bioinformatics & Systems Biology	Maintenance of robustness of germline-to-soma proportions under stress by vhp-1
20	Li	Wanlan	University of Geneva	Bioinformatics & Systems Biology	Cell Mating Prediction Using Deep learning and Spatial-Temporal Analysis in Fission Yeast
21	Lindegger	Daniel	NA	Bioinformatics & Systems Biology	Advancing Immunomics in Personalized Pharmacology: Leveraging Quantum Computing for Next-Generation Diagnostics and Therapeutics
22	Masson	Patrick	Swiss Institute of Bioinformatics	Bioinformatics & Systems Biology	Systematic capture of human receptor-ligand interactions as Gene Ontology Causal Activity Models (GO-CAMs)
23	Musilova	Jana	Brno University of Technology	Bioinformatics & Systems Biology	Augusta: A FAIRified Python package for RNA-Seq-Based Inference of Gene Regulatory and Boolean Networks
24	Roth	Chiara Nina	Institute of Science and Technology Austria	Bioinformatics & Systems Biology	The role of the medial prefrontal cortex in a short- and long-term spatial memory task in mice
25	Schuhknecht	Laurentz	University of Basel	Bioinformatics & Systems Biology	A human metabolic map of pharmacological perturbations unlocks new modes of action for conventional drugs
26	Tocchini	Cristina	University of Basel	Bioinformatics & Systems Biology	Translation-dependent mRNA localization to apical junctions
27	Walavalkar	Kaivalya	University of Zurich	Bioinformatics & Systems Biology	Elucidating the structure and function of genome-nucleolus interactions in single nucleoli
28	Yepes	Jeferyd	University of Fribourg	Bioinformatics & Systems Biology	Metagenome quality metrics and taxonomical annotation visualization through the integration of MAGFlow and BigMAG
29	Berlina	Yana	EPF Lausanne	Biophysics & ICMT	Single-molecule analysis of yeast promoter activation by pioneer Transcription Factor Rap1 and Chd1 Chromatin Remodeler
30	Casals	Cristina	Swiss Institute of Bioinformatics	Biophysics & ICMT	Linking the human metabolome and proteome in UniProtKB through Rhea
31	Hruby	Jakub	EPF Lausanne	Biophysics & ICMT	High-resolution Liquid Cells for Microsecond Time-resolved Cryo-EM
32	Kumar	Ashutosh	University of Fribourg	Biophysics & ICMT	Brl1 and Brf6 mediate membrane fusion during nuclear pore complex biogenesis
33	Néré	Raphaël	University of Geneva	Biophysics & ICMT	S-Acylation of STIM1 enhances SOCE and its function at the immune synapse
34	Rocha	Cristian	University of Fribourg	Biophysics & ICMT	Lipid scrambling is a general feature of protein insertases
35	Rosa	Nicolas	University of Geneva	Biophysics & ICMT	Role of mechanosensitive Piezo1 channels in phagocytosis by neutrophils
36	Stojkov	Darko	University of Bern	Biophysics & ICMT	BK and TRPV2 channels induce metabolic changes in neutrophils to prevent life-threatening infections
37	Warmus	Dawid	University of Bern	Biophysics & ICMT	Investigating the role for alpha-giardins in unconventional secretion of Giardia's virulence factors
38	Zajec Hudnik	Tina	ETH Zurich	Biophysics & ICMT	Characterizing UV Light-Induced Protein Modifications in RNA-Protein Cross-Linking: A Biophysical Approach

39	Batiuk	Alina	University of Geneva	Cardiovascular Biology & Proteomics	Soluble $\alpha\beta$ -tubulins reversibly sequester TTC5 to regulate tubulin mRNA decay
40	Brunner	Melanie	University of Fribourg	Cardiovascular Biology & Proteomics	Proteome-wide in vitro kinase and phosphatase assays to determine enzyme-substrate interactions
41	Conrad	Lisa	DBMR, Universität Bern	Cardiovascular Biology & Proteomics	Utilizing cardioids for the identification of transcriptional enhancer landscapes underlying human cardiac morphogenesis.
42	Courtellemont	Thibault	EPF Lausanne	Cardiovascular Biology & Proteomics	Democratizing Spatial Proteomics: Creative Solutions for an Affordable Pipeline
43	Dübi	Marion	University Hospital Lausanne	Cardiovascular Biology & Proteomics	Impaired angiogenesis and altered myocardial perfusion and metabolism in a rat model of intrauterine growth restriction.
44	Ebert	Sophie	University of Basel	Cardiovascular Biology & Proteomics	A BiolD-based approach uncovers the interactome of hexose-6-phosphate dehydrogenase in breast cancer cells and identifies anterior gradient protein 2 as an interacting partner
45	Marchal	Pierre	University of Bern	Cardiovascular Biology & Proteomics	Exploring the biological significance of circulating N-linked glycoproteins for the detection and treatment prediction in pleural mesothelioma cancer
46	Rapp	Vincent	University of Bern	Cardiovascular Biology & Proteomics	Identification of a Holt-Oram syndrome-associated cis-regulatory module essential for Tbx5 function in the developing heart and limbs.
47	Riermeier	Luca	ETH Zurich	Cardiovascular Biology & Proteomics	Characterization of the organization of protein-RNA complexes using structural proteomics
48	Sander	Sibilla	University of Fribourg	Cardiovascular Biology & Proteomics	From xenografts to in vitro models: understanding the tumor microenvironment in cutaneous squamous cell carcinoma
49	Steinmetz	Benjamin	ETH Zurich	Cardiovascular Biology & Proteomics	Identification of Structural Markers for RNA-Binding Proteins from Human Cell Lysates
50	Andreu Carbo	Mireia	University of Geneva	Experimental Pharmacology	Personalized drug combinations for colorectal cancer treatment
51	Cosson	Pierre	University of Geneva	Experimental Pharmacology	How recombinant antibodies can change your life
52	Gubala	Jakub	University of Geneva	Experimental Pharmacology	Establishment of heterotypic organoid cultures for personalized treatment in Renal Cell Carcinoma Patient material
53	Jacobs	Sacha	University of Geneva	Experimental Pharmacology	Investigation of the anti-tumour immune response in advanced colorectal cancer co-culture model
54	Jayawickrama Withanage	Thisara	Department of Chemical Sciences, Ariel University, Israel	Experimental Pharmacology	Purification of the therapeutic Fc-fusion proteins without: Chromatography, polymers, membranes or specific-ligands
55	JeanRichard	Philippe	University of Bern	Experimental Pharmacology	The link of BOK to uridine metabolism and mitochondrial function in cancer
56	Munoz Ruiz	Raphael	University of Geneva	Experimental Pharmacology	The ABCD initiative: Promoting the use of recombinant antibodies
57	Papadogkonaki	Sofia	University of Geneva	Experimental Pharmacology	Drug screen for opioid receptor trafficking regulators
58	Simboro	Hadja Safiat	University of Fribourg	Experimental Pharmacology	Extracellular Vesicles for drug delivery
59	Wu	Liyang	University of Bern	Experimental Pharmacology	Targeting programmed death with small molecule inhibitors in non-small cell lung cancer
60	Ahmed	Yara	University of Fribourg	Molecular and Cellular Biosciences	Phosphatidic Acid specificity of its dysferlin domain is required for the establishment of Pex30-dependent membrane contact sites
61	Aksianiuk	Valeryia	University of Bern	Molecular and Cellular Biosciences	Investigating the role of heterochromatin in aging using ChromID in <i>C. elegans</i>
62	Alappat	Melvin	University of Zurich	Molecular and Cellular Biosciences	Oligodendrocytes in Chronic Pain: The Effect of a Western Diet on Myelin Homeostasis
63	Almeida	Ana	University of Geneva	Molecular and Cellular Biosciences	The role of tubulin autoregulation in shaping 3D cellular organization
64	Bernard	Elliott	University of Lausanne	Molecular and Cellular Biosciences	NIN1 mediated plasma membrane rupture is a two-step process requiring cell swelling
65	Borges	Crisalida	University of Geneva	Molecular and Cellular Biosciences	Who takes over when centrosomes are missing?
66	Caligaris	Marco	University of Fribourg	Molecular and Cellular Biosciences	Identification of spatially distinct pools of AMPK/SNF1 and their targets in yeast
67	Calviello	Rebecca Lourdes	University of Fribourg	Molecular and Cellular Biosciences	Uncovering the pivotal role of RagC/Gtr2 as specificity factor for novel TORC1 substrates in <i>Saccharomyces cerevisiae</i>
68	Coronas-Serna	Julia María	University of Geneva	Molecular and Cellular Biosciences	The Cdc42 effector Pak2 ensures fission yeast cell-cell fusion by antagonizing cell-wall repair mechanisms
69	Epuran	Dan-Adrian	University of Fribourg	Molecular and Cellular Biosciences	Elucidating the mechanisms of Light Therapy via Per1
70	Erol	Göknur	Acibadem University	Molecular and Cellular Biosciences	Investigation of Signaling Pathways Activated by the Orphan G Protein-Coupled Receptor GPR37
71	Ghadage	Kalyan	University of Bern	Molecular and Cellular Biosciences	A genetic approach to study cohesin mediated gene regulation in nematodes
72	Hadorn	Remo	University of Bern	Molecular and Cellular Biosciences	Comparing Local vs. Global Stimulation of the MAPK Pathway Using Optogenetic Tools
73	Heisteringer	Lina	ETH Zurich	Molecular and Cellular Biosciences	Decision making in the yeast courtship network
74	Jaggi	Cyril Andrea	University of Fribourg	Molecular and Cellular Biosciences	Deciphering the molecular mechanism of mitochondrial retrograde signaling in <i>Saccharomyces cerevisiae</i>
75	Jazaeri Jouneghani	Ali	Institute of Pharmacology, Faculty of Medicine, University of Bern, Inselspital	Molecular and Cellular Biosciences	The function of TRIM28 as an RNA binding protein and its role in controlling target mRNAs expression
76	Kalbermatter	Carmen	University of Bern	Molecular and Cellular Biosciences	The myeloid hexokinase 3 supports acute myeloid leukemia cell survival

77	Klemt	Insa	ETH Zurich	Molecular and Cellular Biosciences	To degrade or not to degrade: Ribosome abundance control under starvation conditions
78	Koli	Saloni	University of Fribourg	Molecular and Cellular Biosciences	Comparative Analysis of Snf1 and SnRK1: Evolutionary and Functional Roles of Catalytic $\alpha$ -Subunits
79	Luginbühl	Jonas	University of Bern	Molecular and Cellular Biosciences	Giardia's clathrin light chain analogue – a case of convergent evolution?
80	Nanchen	Magali	University of Fribourg	Molecular and Cellular Biosciences	Decoding Germline Gene Regulation: The Role of LSL-1 Transcription Factor and Its Interacting Partners in <i>C. elegans</i>
81	Oddy	Joseph	University of Geneva	Molecular and Cellular Biosciences	The role of proteases in bacterial killing in <i>Dictyostelium discoideum</i>
82	Peskett	Thomas	ETH Zurich	Molecular and Cellular Biosciences	A biomolecular condensation network adjusts cell fate decisions to cellular context
83	Rawat	Prashant	ETH Zurich	Molecular and Cellular Biosciences	Early transcriptional reprogramming upon chronic nucleolar stress leads to pro-metastatic phenotypes via the TP53-Golgi-TGFB2 axis
84	Rubio Ramos	Armando	University of Geneva	Molecular and Cellular Biosciences	Charting the landscape of cytoskeletal diversity in microbial eukaryotes
85	Sakong	Sim	EPF Lausanne	Molecular and Cellular Biosciences	Eukaryotic transcription factor target search beyond DNA binding domains
86	Sapia	Jennifer	University of Fribourg	Molecular and Cellular Biosciences	An acylated N-terminus and a conserved loop regulate the activity of the ABHD17 de-acylase
87	Stewart	Dean	University of Fribourg	Molecular and Cellular Biosciences	Understanding the role of the clock proteins Per1 and Per2 in anxiety
88	Zein El Dine	Hiba	University of Geneva	Molecular and Cellular Biosciences	Magnesium and nutrients regulate the physiology of the phagocytic pathway in <i>Dictyostelium discoideum</i>
89	Derivaz	Océane	University of Fribourg	Physiology	Exploring the molecular association of androglobin with the cilium-dependent sonic hedgehog pathway
90	Fernandes de Souza	Joao Paulo	PORTO SCHOOL OF NURSING	Physiology	USE OF THE KDIGO SCALE IN THE CLASSIFICATION OF ACUTE KIDNEY INJURY IN BURN VICTIMS: STRATEGIES AND CLINICAL IMPACTS
91	Fourgeaud	Mélanie	University of Geneva	Physiology	Orai3 and AHNK2 regulate the activation of human skeletal muscle stem cells in vitro
92	Gjorgjieva	Monika	University Hospital Geneva	Physiology	Hepatic IR and IGF1R signaling govern distinct metabolic and carcinogenic processes upon PTEN deficiency in the liver
93	Herwig	Antonia Louise	University of Fribourg	Physiology	The role of androglobin (ADGB) in ciliogenesis: transcriptional regulation and functional analysis of its globin domain
94	Idris	Tahir	University of Geneva	Physiology	STIM1 and STIM1L in human skeletal muscle architecture
95	Kouba	Sana	University of Geneva	Physiology	S-Acylation of STIM1 splice variants in skeletal muscle function
96	Leech	Rebecca	University of Fribourg	Physiology	Investigating heterogeneities of skeletal muscle fibers during homeostasis and regeneration in adult zebrafish.
97	Mazurkiewicz	Marta	University of Zurich	Physiology	The role of oligodendrocytes in Western diet-induced pain
98	Moser	Seraina Olivia	University of Basel	Physiology	Inhibition of 11 $\beta$ -Hydroxysteroid Dehydrogenase 2 by a Metabolite Derived from the Gut Microbiome
99	Osterhof	Carina	University of Fribourg	Physiology	Characterisation of the hypoxia response of a non-symbiotic marine invertebrate
100	Potenza	Duilio Michele	University of Fribourg	Physiology	Arginase-II regulates cardiac circadian tolerance to ischemia/reperfusion injury
101	Xie	Tian	University of Fribourg	Physiology	Arginase II Ablation Mitigates High Salt Diet-Induced Macrophage Infiltration/Proliferation in Heart and Kidney
102	Zogg	Michael	University of Basel	Physiology	Hexose-6-Phosphate Dehydrogenase Deficiency Induces Skeletal Muscle Atrophy and Metabolic Dysfunction in Mice and C2C12 Myotubes