

Nr.	Last Name	First Name	Affiliation	Symposium/Poster prize category	Title
1	Alexandre-Strefeler	Abigail	University of Lausanne	The Metabolic Code of Life: Energy and Cell Systems	Uridine-sensitized screening identifies NUDT5 as a regulator of nucleotide synthesis
2	Bors	Sebastian	University of Basel		A comprehensive genome-scale map of transcription factor-mediated metabolic rewiring in lung cancer via CRISPR and high-throughput metabolomics
3	Derivaz	Océane	University of Fribourg		Exploring the molecular association of androglobin with the cilium-dependent sonic hedgehog pathway
4	Kyburz	Sarina	University of Basel		Characterizing the pentose phosphate pathway in the endoplasmic reticulum and uncovering functional interactions with its cytosolic counterpart
5	Labagnara	Marco	EPF Lausanne		Optogenetic tripwires resolve models of how cells count DNA breaks
6	Lenart	Peter	University of Bern		Coordinated Scaling of Germline Growth Ensures Reproductive Timing Across Environments
7	Lisci	Miriam	University of Lausanne		FBXW7 alleviates c-MYC repression of pyruvate carboxylase to support metabolic flexibility
8	Marinescu	Alina	ETH Zurich		Nucleus accumbens subcircuits regulating reward and aversion behavior
9	Mazurkiewicz	Marta	University of Zurich		Identification of oligodendrocyte transcriptional signatures in Western diet-induced pain
10	Potenza	Duilio Michele	University of Fribourg		Targeting Arginase 2 Prevents High Salt-Induced Cardiac Dysfunction and Fibrosis
11	Separovich	Ryan	ETH Zurich		Systematic phosphoproteomics of an analog-sensitive kinase library defines context-specific signalling networks
12	Xu	Yingtong	University of Bern		Integrated Functional and Structural Analysis of Eleven CYP21A2 Variants of Uncertain Significance Resolves their Pathogenic Role in Congenital Adrenal Hyperplasia.
13	Yousef	Basel	University of Geneva		Uncovering the role of ERMP1 in renal physiology and renal interstitial fibrosis
14	Zogg	Michael	University of Basel		Hexose-6-phosphate dehydrogenase drives metabolic reprogramming and tumorigenicity in MDA-MB-231 triple-negative breast cancer cells
15	Chang	Po-Han	EPF Lausanne		Exploring the regulation of microtubule detyrosination and polyglutamylation through semi-synthetic tubulin
16	Chemezova	Anna	University of Pécs		Development of a Bioplatfrom Based on Genetically Modified Nicotiana tabacum L. (UGT/IAGLU) for the Production of High-Value Viral Antigenic Proteins.
17	Constantin	Theodora	University of Basel		Covalent Inactivation of PI3Kα: Novel Paradigm for Isoform-Resolved Pharmacology
18	Domeniconi	Gary	EPF Lausanne		Novel photocage for the targeted delivery of native lipid species
19	Groot	Kelvin	University of Zurich		Highly multiplexed imaging uncovers combinatorial perturbation effects of small molecule treatments
20	Hallaj	Ali	University of Lausanne		A non-disruptive compound to enhance cytosolic delivery of cell-penetrating peptides

21	Hornfeck	Sarah	University of Lausanne	Advances in Chemical Biology and Drug Discovery	Characterization of the Endocytic Pathway taken by Cell-Penetrating Peptides
22	Ianos	Annemarie	Baruch College, City University of New York		Nanoplastics penetration across the blood-brain barrier
23	Ianos	Annemarie	Baruch College, City University of New York		Microtubules in Breast Cancer: Exploring the α/β -Tubulin Toggle Switch and Its Implications in Human Breast Cancer
24	Majchrzak	Oliwia	University of Geneva		Hijacking cancer communication: microRNA and EV lipid changes highlight new targets in TNBC
25	Majerus	Enguerran	EPF Lausanne		Site-specific interactions of transcription factors with chromatin: Insights on glucocorticoid receptor influence on gene regulation at the single molecule level
26	Meyer	Andreas	GENEWIZ from Azenta Life Science		One Platform, Endless Possibilities: From Gene Synthesis to Biologics and Therapeutics
27	Orbegozo	Clara	University of Basel		Locking onto PI3K α : Covalent probes to overcome limited efficacy and therapeutic resistance to PI3K α inhibitors
28	Turan	Ilayda	University of Geneva		A synergistic low-dose combination targeting MAPK signalling and mitosis demonstrates enhanced efficacy and reduced toxicity in colorectal cancer models
29	Vahdani	Negar	University of Bern		Vascularized In Vitro Liver-on-Chip for Disease Modeling and Drug Testing
30	Wedemann	Linda	EPF Lausanne		Species-specific diacylglycerol signaling – peeking behind the mask of lipid classes
31	Bothe	Sarah	University of Basel	From Disorder to Function: The Evolving Landscape of IDPs and Condensates	Elucidating the Hsp90 chaperone cycle with single-molecule resolution
32	Bourquard	Théodore	ETH Zurich		Uncovering how positively charged polypeptides contribute to innate immunity in yeast.
33	Erkan	Sinem	University of Bern		Characterization of dosage compensation specific nuclear bodies
34	Frühbauer	Benjamin	ETH Zurich		Condensation of satellite DNA by the disordered protein D1 safeguards nuclear mechanostability
35	Matveeva	Anna	University of Bern		Dissecting Patient-Specific POR Mutations: A CRISPR-KO Platform for Quantifying Steroidogenic Defects
36	Ortale	Aurelio	University of Basel		Regulating the Giants: Single-Molecule Insights into the Transcription and Processing of Large mRNAs in Muscle Cells
37	Peskett	Thomas	ETH Zurich		Biomolecular condensates as master regulators of cell fate decisions
38	Rawat	Prashant	ETH Zurich		Loss of nucleolar integrity triggers EMT via transcriptional reprogramming
39	Rodriguez Arias	Daniel	Friedrich Miescher Institute		A Comprehensive Resource of Transcription Factor Interactions and Chromatin Binding in Mouse Embryonic Stem Cells
40	Smok	Izabela	ETH Zurich		A cross-linking mass spectrometry method (LLPS-CLIR-MS) for characterizing protein-RNA interactions in phase-separated systems
41	Bokhobza	Alexandre	University of Bern		Optimizing MINFLUX Performance: A Pipeline for Achieving Single-Digit Nanometer Super-Resolution in Biological Samples

42	Bourdin	Mathilde	University of Geneva	Ion Channels and Membrane Transporters: At the Interfaces That Fuel Life	Assessing the role of PIEZO1 channels in phagocytosis
43	Jaquet	Vincent	University of Geneva		Identification of small molecule Piezo1 inhibitors
44	Jarrin	Sofia	University of Bern		Functional characterization of store-operated Ca ²⁺ entry in the human placenta-derived extravillous trophoblast cell line HTR8/SVneo
45	Monguió-Tortajada	Marta	University of Lausanne		Relevance of the SLC15A4/TASL complex for IRF5-mediated Th1 responses
46	Rosa	Nicolas	University of Geneva		Role of mechanosensitive Piezo1 channels in phagocytosis by neutrophils
47	Batti	Laura	Wyss Center for Bio and Neuro Engineering	Advances in Volumetric Microscopy: from Method Development to Biological Applications	Insights into whole tissue clearing and labelling protocols for various samples in a microscopy facility context
48	Bauda	Elda	University of Geneva		Cryo-FIB ET uncovers novel yeast membrane compartments involved in lipid metabolism.
49	Kissling	Vera Maria	Empa		Imaging Beyond Uranyl: A Systematic Evaluation of Safer Contrasting Stains for High-Quality EM of Organic Specimens
50	Hornbachner	Ruth	University of Zurich		Characterization of anterior-posterior symmetry-breaking dynamics in murine embryos using whole-mount multiplexing protein mapping
51	Hruby	Jakub	EPF Lausanne		Microsecond Time-Resolved Cryo-EM Based on Jet Vitrification
52	Mikhajlov	Oleg	University of Geneva		3D Organization of Guanine Crystal Stacks in Zebrafish Iridophores
53	Vinit	Angélique	EPF Lausanne		Comparative Characterization of Microscope Detectors Using Multi-Intensity Calibration Beads
54	Vladimirov	Nikita	University of Zurich		Microscopy Innovation Platform: development and service in imaging and sample preparation
55	Carraz	Zoé	University of Geneva	Advancing Cancer Therapeutics Through Patient-Derived Complex Models	Integrating hypoxia and stroma cells into more physiological 3D models for renal cancer therapy screenings
56	Farnhammer	Fiona	University Children's Hospital Zurich		Single enzyme activity defines response to select folate-cycle targeting drugs in osteosarcoma
57	Gubala	Jakub	University of Geneva		Leveraging Multi-Organ Toxicity Models for Drug Combination Therapy Safety
58	Marchal	Pierre	University of Bern		Interpreting the function of germline missense variants for the BAP1 gene using protein centric information.
59	Pinho	Gonçalo	University of Bern		MRTX1133 resistant cells rely on EZH2 activity to sustain their aggressive traits and avoid cell death
60	Save-Trofimenko	Evgeniya	University of Lausanne		Exploiting the Rab14-Dependent Cell-Penetrating Peptide Trafficking for Targeted Chlamydia Therapy
61	Sundaramoorthy	Santhoshkumar	University of Fribourg		Monocyte Arginase-II promotes breast cancer progression through WNT pathway activation.
62	Xie	Xiaochen	University of Bern		Novel DAPK-DMTF1 α -p53 cell death axis

63	Athale	Muktesh	Tampere University, Finland	Proteomics in the Era of Multi-Omics	Spy-BioID: Identifying context-specific protein interactions through stabilized ternary complexes.
64	Barletta	Elena	Swiss Institute of Bioinformatics		Proteomics Profiling Reveals Sex-Based Differences and Hormonal Modulation of Recovery in Elite Female Athletes Following Intense Exercise
65	Bartl	Lena	University Hospital Zurich		A Plasma Proteomic Aging Clock Reflects Reversal of Accelerated Aging in HIV Patients Under Antiretroviral Therapy
66	Heller	Manfred	University of Bern		Extracellular Vesicle Isolation and Proteomics: Lessons learned from Gottingen Minipig plasma
67	Le Gac	Constance	ETH Zurich		Predictions of enzyme cost-optimal metabolic strategies at genome-scale
68	Macickova	Eliska	University of Zurich		Spatial Biology at the Center for Microscopy and Image analysis, UZH: from single molecule to tissue microenvironment
69	O'Hara	Andrea	GENEWIZ from Azena Life Science		Harnessing the Power of Multiomics from Fresh and Fixed Patient Sample Characterization
70	Pedersen	Ane Laura Fineid	Neslte Research		Streamlining Metaproteomic Sample Preparation for Microbiome Analysis of Rumen Samples with Liquid Chromatography-Mass Spectrometry
71	Sajic	Tatjana	University Hospital Lausanne		Biomarker discovery through in-depth characterisation of the serum protein composition of infant victims of Abusive Head Trauma (AHT)
72	Schilling	Nicolas	University of Zurich		Spatial Biology at the Center for Microscopy and Image Analysis, UZH
73	Soic	Dinko	ETH Zurich		NovoGlyco: exploring prokaryotic protein glycosylation
74	van Gerwen	Julian	ETH Zurich		The functional landscape of the human ubiquitinome
75	Wenzl	Florian A	University of Zurich		Long-term Prognostic Significance of BNP Dynamics after Transcatheter Aortic Valve Implantation: Insights from Two Prospective Cohorts
76	Ajalbert	Guillaume	University of Fribourg		The mitochondrial arginase type 2 regulates monocyte integrin expression and transendothelial migration in atherogenesis
77	Arima	Yumi	ETH Zurich		Deciphering the coordination of lysosomes and FIS1 in mediating mitochondrial peripheral division
78	Baez	Nicolas	University of Geneva		Mitochondrial beta-cell glutamate pathway drives metabolic rewiring in pancreatic islets during the onset of prediabetes
79	Balkota	Marta	University of Geneva		Brain Mitochondrial Glutamate Metabolism Coordinates Body Energy Balance and Age-Related Behavioral Changes
80	Bauri	Samir	National Institute of Technology Rourkela		Tiny Plastics, Big Problems: PET Nanoplastics Disrupt Mitochondria and Threaten Living Systems
81	Blanco I Fernandez	Joan	University of Lausanne		Mitochondrial profiling reveals essential roles for mitochondrial DNA expression and membrane potential maintenance in IL-4/IL-13 macrophages
82	Brügger	Talayeh	University of Lausanne		Astrocytic Mitochondrial Responses to Blue Light: From Membrane Potential to Metabolic Shifts
83	Dwibedy	Sushree Lipsa Lopamudra	National Institute of Technology Rourkela		Pseudouridine modifications may regulate structure and protein recognition in mitochondrial mRNAs

84	Falco	Simone	University of Bern	Mitochondria: Fueling Cells in Life, Death, and Disease	The Cardiolipin-Metabolism Axis: A Driver of Hypoxia-Mimetism and Chemoresistance in Lung Adenocarcinoma
85	Harhai	Marcell	University of Lausanne		An updated inventory of genes essential for oxidative phosphorylation identifies a mitochondrial origin in familial Ménière's disease.
86	Heilig	Rosalie	University of Glasgow		Mitochondrial ubiquitylation during cell death drives anti-tumorigenic pro-inflammatory signalling
87	Jäggi	Tobias	University of Zurich		Identification and characterization of Legionella effectors targeting the mitochondrial network
88	Kitanovic	Ana	ETH Zurich		The Mechanism and Function of Mitochondrial Remodelling Through Extracellular Vesicles
89	Landoni	Juan Cruz	EPF Lausanne		Pearling drives mitochondrial genome homeostasis
90	Melnik	Mariia	University of Basel		Investigating the role of mitochondrial respiratory supercomplexes in situ
91	Pflästerer	Tim	ETH Zurich		How does mitochondrial remodeling support macrophage function?
92	Pilic	Johannes	ETH Zurich		Mitochondrial membrane saturation regulates mitochondrial dynamics
93	Ramos-Lobo	Angela	University of Geneva		Activating mutation of mitochondrial glutamate dehydrogenase in the mediobasal hypothalamus triggers seizures in mice
94	Soutschek	Michael	ETH Zurich		Homeostasis of mitochondrial populations in human neurons
95	Zimmerli	Christian	EPF Lausanne		Structure and function of unknown-intermitochondrial zipper junctions
96	Calia	Emanuele	University of Fribourg	Are We Coming Closer to Understanding and Treating Neurodegenerative Diseases?	Molecular, genetic and functional screening to identify modifiers of MCI
97	Crivelli	Simone	University of Lausanne		Overexpression of UCP4 in astrocytes induces fatty acid oxidation for mitochondria respiration fuelling
98	Dorogan	Violina	University of Lausanne		Unraveling the mechanisms of neuronal communication and disposal mediated by secretory autophagy
99	Groza	Raluca	ETH Zurich		The local regulation of mitochondrial homeostasis during neurodevelopment
100	Jahn	Joanna	University of Birmingham		Multifaceted Roles of SATB2: Literature Review and Database Analysis
101	Mitsikosta	Spyridoula	University of Fribourg		Light mediated CDK5 repression and its potential effects on the circadian clock and the Alzheimer's disease.
102	Pohl	Hartmut	Enzo Life Sciences, Inc.		Profiling Non-Coding RNA Expression in Brain Tissue via In Situ Hybridization
103	Leclerc	Justine	University of Zurich	Bioinformatics Driving the	conformer: Conformational differential expression analysis of multi-condition single-cell data
104	Liarou	Margarita	University of Geneva		TimeFlow 2: an unsupervised cell lineage detection method for flow cytometry data

105	Osterhof	Carina	University of Fribourg	One Health Concept	A phylogenetic ancient, chimeric globin links oxygen sensing and flagellar motility
106	Taousanidis	Alexandros	University of Bern		Decoding a Structural Paradox in GH1: How Novel Mutations Drive Growth Hormone Deficiency Beyond Receptor Binding
107	Es Sarhdaoui	Soumaya	University of Geneva	Extracellular Vesicles in Cardiovascular Therapeutics	Role of S100A4 in Atherosclerosis development: Focus on S100A4-expressing cells
108	Flück	Martin	University of Fribourg		Epigenetic Regulation of the ACE System Shapes Aerobic Muscle Phenotype and Cardiovascular Exercise Response
109	Iamshanova	Oksana	University of Fribourg		Bone Marrow-Derived Secretome Modulates Macrophage Polarization to Enhance Cardiac Repair
110	Rosenblatt-Velin	Nathalie	CHUV		Targeting Natriuretic Peptide Pathways to Modulate Heart and Aortic Remodeling
111	Xu	Ben (Yiming)	University of Geneva		Alarmin Protein S100A4 in Atherosclerosis: Dysregulated Immune-Vascular Reactions