

Poster list - Swiss Physiology Meeting 2025

Nr	Last Name	First Name	Affiliation	Title
1	Baillie	Jonathan	University of Bern	Investigation of inositol-1,4,5-trisphosphate contribution to automaticity in human induced pluripotent stem cell cardiomyocytes
2	Baroi	Masaba Saylor	University of Bern	Stiffness-Driven Electrical Remodeling: Exploring Mechanosensitive Dynamics in hiPSC-CM
3	Bouchat	Anaïs	University of Zurich	Peripheral and central metabolic adaptations to short- and long-term high-energy diet exposure in obesity resistant and prone rats.
4	Cheung	Kit	University of Zurich	The role of brown and beige adipose tissue in acute ischemic stroke: mechanisms and clinical implications
5	Cox	Shannon	University of Zurich	Unravelling Pericyte Immune Response in Stroke: A Focus on HIF-1
6	Delangre	Etienne	University of Geneva	Targeting the S100A10-ANXA2 complex restrains fibrosis development in Human Liver Organoids (HLOs) through the inactivation of hepatic stellate cells
7	Di Iuri	Enrico	University of Bern	Ring-shaped microtissues for cell alignment and improved intracellular Ca2+ handling
8	Ebert	Sophie	University of Basel	A BioID-based approach uncovers the interactome of hexose-6-phosphate dehydrogenase in breast cancer cells and identifies anterior gradient protein 2 as an interacting partner
9	Forro	Thomas	University of Bern	Disentangling emotional memories in ventral hippocampal circuits
10	Fourgeaud	Mélanie	University of Geneva	Orai3 and AHNK2 regulate the activation of human skeletal muscle stem cells in vitro
11	Gjorgjieva	Monika	University of Geneva	ERMP1 Deficiency Impairs Renal Metabolic Balance and Heightens Susceptibility to Ischemic Injury (organizer note: poster presentation outside YIA)
12	Herwig	Antonia Louise	University of Fribourg	Androglobin and cilia formation: Investigating the mechanistic impact of domain-specific mutations
13	Idris	Tahir	University of Geneva	The novel roles of STIM1 and STIM1L in skeletal muscle
14	Jarrin	Sofia	University of Bern	Store-operated Ca2+ entry in the human placenta
15	Ma	Mengjie	University of Geneva	Single-cell Multi-omics Analysis of Cystic Fibrosis Airway Epithelial Cells following Elexacaftor-Tezacaftor-Ivacaftor Treatment
16	Maric	Darko	University of Fribourg	Identification of new gain-of-function variants located in the erythropoietin gene locus resulting in hereditary polycythemia
17	Matveeva	Anna	University of Bern	Gene Knockout Cell Models for Investigating Steroidogenesis in P450 Oxidoreductase Deficiency
18	Mikhajlov	Oleg	University of Geneva	Cell adhesion and spreading on fluid membranes through microtubules-dependent mechanotransduction
19	Moser	Seraina	University of Basel	Inhibition of 11β-Hydroxysteroid Dehydrogenase 2 by a Metabolite Derived from the Gut Microbiome
20	Nazari	Bahareh	University of Bern	Structural reshaping and BIN1 overexpression, an integrated strategy to promote the structural maturation of hiPSC-CM
21	Panda	Lipsa Rani	University of Bern	Investigating Dominant-Negative Mechanisms in Cardiac Sodium Channel Nav1.5 through Mutant–Wild-Type Interactions.
22	Papapostolou	Irida	University of Bern	Exploring TRPM4’s Role in Cancer Hallmarks Using 2D and 3D Colorectal Cancer Models
23	Spack	Céline	University of Fribourg	Potential novel anti-cancer drug: Implication of a rhenium-based compound in the hypoxic response
24	Sridhar	Sucheta	University Hospital Zurich	TrkC Deficiency in Nephrons Exacerbates Tubular Kidney Injury in Mice
25	Taousanidis	Alexandros	University of Bern	Analysis of functionally uncharacterized variants of the GH1 gene from patients with Isolated Growth Hormone Deficiency (IGHD)
26	Zaugg	Jonas	University of Zurich	Chronic maternal obesity disrupts placental iron transport and activates ferroptotic pathways, leading to fetal growth restriction and lasting metabolic programming
27	Zogg	Michael	University of Basel	Hexose-6-phosphate dehydrogenase deficiency induces skeletal muscle atrophy and metabolic dysfunction in mice and C2C12 myotubes
28	Kaizhen	Li	University of Bern	Ventral Hippocampal Microcircuits Underlying Ethologically Relevant Anxiety Behaviors