



Zurich Center for Integrative Human Physiology (ZIHP)

List of Posters - 17th Symposium of the ZIHP, Tuesday, 7 September, 2021

No.	Author(s)	Title
1	<u>Abeken J</u> , Gülan U, von Petersdorff-Campen K, Meboldt M, Holzner M, Schmid Daners M, De Zélicourt D, Kurtcuoglu V	Time-resolved high-resolution flow visualization in the CentriMag circulatory support pump
2	<u>Arnold M</u> , Honegger T, Schweizer J, Schütz V, Inauen C, Pokorny T, Westphal L, Bicvic A, Luft A, Spanaus K, von Eckardstein A, Katan M	S100B is associated with the development of post stroke delirium in patients with acute ischemic stroke.
3	Guglielmini S, <u>Bopp G</u> , Marcara , Scholkmann F, Wolf M	Cross-frequency coupling between brain and body signals: A systemic physiology augmented functional near-infrared spectroscopy (SPA-fNIRS) hyperscanning study
4	<u>Büeler S</u> , Freund P, Kessler T, Liechti M, David G	Analysis of signal and contrast in a multi-echo gradient-echo sequence of the lumbosacral cord: recommendations for number of echoes and repetitions
5	<u>Cambiaggi L</u> , Sobek J, Hersberger M	Resolvin D1 Signaling in Primary Human Macrophages
6	<u>Chen Z</u> , Devuyst O	A Zebrafish screening platform for drug discovery in endolysosomal diseases
7	<u>Coester B</u> , Lutz T, Le Foll C	Calcitonin receptors on microglia have little effect on body weight and glucose homeostasis
8	<u>Dey K</u> , Makhro A, Serhrouchni S, Goede J, Bogdanova A	A pilot study to assess the role of Ca ²⁺ overload in red blood cell pathology of patients with SARS-CoV-2 infection
9	<u>Fang P</u> , Boraschi A, Du JJ, Consolo F, Schmid Daners M, Kurtcuoglu V, de Zélicourt D	Does the artificial pulse contribute to the low in-pump thrombosis rate of the HeartMate 3?
10	<u>Häfliger J</u> , Schwarzfischer M, Stanzel C, Atrott K, Lang S, Rogler G, Scharl M, Spalinger M	Heat shock protein GP96 is essential for maintaining intestinal epithelial architecture by supporting its self renewal capacity
11	<u>Hartling I</u> , Cremonesi A, Osuna E, Lucchinetti E, Zaugg M, Hersberger M	Lipid mediator profiles of plasma: preliminary adolescent reference ranges and the effect of total parenteral nutrition lipid composition
12	<u>Karsai G</u> , Yazdani S, Buschmann L, Edgar JM, Hornemann T	DES1 activity is pivotal for CNS myelin formation ive lipidomics analysis of the Sphingosine-1-phosphate lyase insufficiency syndrome (SPLIS).



13	<u>Krattiger LA</u> , Scorza SI, Simona B, Tibbitt MW, Ehrbar M	Controlling vascular network quality with known pro- and antiangiogenic molecules in distinct environments
14	<u>Kulka P</u> , Le Foll C	Role of hypothalamic astrocytes fatty acid uptake on energy and glucose homeostasis in mice
15	<u>Leuthardt A</u> , Monné Rodriguez J, Boyle C	Effect of a high fat diet on postpartum behaviors and metabolic health in selectively-bred diet-resistant and diet-induced obese rat dams
16	<u>Lone M</u> , Hornemann T	Characterization of a novel form of amyotrophic lateral sclerosis associated with changes in sphingolipid metabolism
17	<u>Majcher A</u> , Karsai G, Hülsmeier A, Hornemann T	Comprehensive lipidomics analysis of the Sphingosine-1-phosphate lyase insufficiency syndrome (SPLIS)
18	<u>Niechcial A</u> , Schwarzfischer M, Wawrzyniak M, Atrott K, Laimbacher A, Scharl M, Spalinger MR	Spermidine ameliorates colitis and induces anti-inflammatory macrophages
19	Wawrzyniak P, <u>Noureddine N</u> , Hartling I, Luchinatti E, Zaugg M, Hersberger M	N-3 based lipid emulsions change the lipidome towards anti-inflammatory and pro-resolution lipid mediators and reduce inflammation in mouse liver and human CD4+ T cells
20	<u>Popov T</u> , Fierz FC, Bockisch CJ, Weber KP	iPhone Exophthalmometry: A Novel Approach to Measure Eyeball Protrusion. Effects of real-time fMRI Neurofeedback on Attention and Supraliminal and Subliminal Response Inhibition: Preliminary fMRI Results
21	<u>Popovova J</u> , Mazloum R, Macaуда G, Stämpfli P, Vuilleumier P, Frühholz S, Scharnowski F, Michels L	The Effects of real-time fMRI Neurofeedback on Attention and Supraliminal and Subliminal Response Inhibition: Preliminary fMRI Results
22	<u>Scholkmann F</u> , Zohdi H, Wolf M, Wolf U	Frontal cerebral oxygenation in humans at rest: A mirror symmetry in the correlation with cardiorespiratory activity
23	<u>Schraner M</u> , Navarro I Batista K, Lutz T, Riediger T	PrRP and GLP-1 dependent mechanisms contributing to cancer anorexia-cachexia syndrome
24	<u>Schwarzfischer M</u> , Niechcial A, Morsy Y, Wawrzyniak M, Laimbacher A, Atrott K, Manzini R, Baebler K, Hering L, Katkevičiūtė E, Lang S, Keller M, Woodtli J, Eisenbeiss L, Kraemer T, Rogler G, Scharl M, Spalinger M	TiO ₂ nanoparticles render the protective effect of the Crohn's disease associated PTPN22 gene variant R619W into a disease-triggering condition
25	<u>Serhrouchni S</u> , Makhro A, Bogdanova A	Managing RBC volume: new tools, new approaches
26	<u>Stalder SA</u> , Liechti MD, Van der Lely S, Birkhäuser V, Anderson CE2 Tornic J, Mehnert U, Kessler TM	Development of an appropriate sham procedure to investigate transcutaneous tibial nerve stimulation in randomized, sham-controlled, double-blind clinical trials



27	<u>Yde Ohki CM</u> , Rickli M, Grossmann L1, Döring C, Werling AM, Walitza S, Grünblatt E	Cell growth profile of induced pluripotent stem cells and neuronal progenitor cells from Attention-Deficit Hyperactivity Disorder: A preliminary study
28	<u>Seebeck P</u>	Zurich Integrative Rodent Physiology (ZIRP)