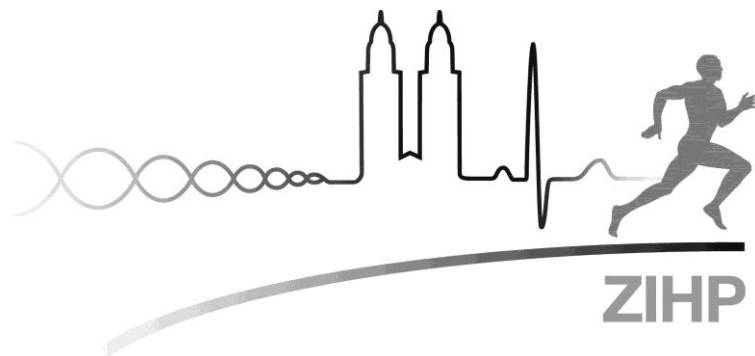




**University of
Zurich^{UZH}**

Zurich Center for Integrative Human Physiology (ZIHP)

14th Symposium of the Zurich Center for Integrative Human Physiology



Friday, August 31, 2018

**Hörsaal HAH-E-11, Universität Zürich
Häldeliweg 2, 8044 Zürich**

University of Zurich
Zurich Center for Integrative Human Physiology (ZIHP)
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In collaboration with the PhD Program in Integrative Molecular Medicine (imMed)



Program

09:00 **Welcome**

09:15 **Keynote Lecture**

The identification of a novel lipid mediator and its role in the retina

Prof. Dr. Ingrid Fleming, Institute for Vascular Signalling, University Frankfurt

10:00 **Oral Presentations**

Loss of PTPN22 abrogates the beneficial effect of fecal microbiota transfer

Marianna Spalinger, Division of Gastroenterology and Hepatology, University Hospital Zurich

Targeting blood-brain barrier impairment as a therapeutic strategy: Glutathione crosstalk between astrocytes and endothelial cells

Sheng-Fu Huang, Institute of Veterinary Physiology, University of Zurich, imMed PhD Program

Hidden delivery: interaction between T cells and vascular endothelium

Daria Vdovenko, Center for Molecular Cardiology, University of Zurich, imMed PhD Program

10:45 **Coffee**

11:15 **Keynote Lecture**

Metabolism and the muscle microenvironment

Prof. Dr. Katrien de Bock, Laboratory of Exercise and Health, Institute of Movement Sciences, ETH Zurich

12:00 **Oral Presentations**

Identification of energy balance dysregulation in a mouse model of mut-type methylmalonic aciduria

Marie Lucienne, Division of Metabolism and Children's Research Center, University Children's Hospital Zurich, imMed PhD Program

Hydrogel scaffold for detrusor regeneration in rats after partial detrusorectomy

Jakub Smolar, Urology, University Hospital Zurich, imMed PhD Program

12:30 **Lunch and Poster session**

New! Companies Exhibition

AstraZeneca, with imMed Alumni Dr. Caroline Leuenberger and Dr. Claudio Schuoler

Kelly Services, with imMed Alumna Dr. Daniela Ernst



14:00 **General Assembly of all ZIHP members**

14:30 **Keynote Lecture**

The alveolar wall in hypoxia; a role in acute mountain illness?

Prof. Dr. Heimo Mairbäurl, Medical Clinic VII, Sports Medicine, University Hospital Heidelberg and German Lung Center

15:15 **Oral Presentations**

Generation of renal Epo-producing cell lines by conditional gene tagging reveals rapid HIF-2 driven Epo kinetics, cell autonomous feedback regulation and a telocyte phenotype

Andreas Bapst, Institute of Physiology, University of Zurich, imMed PhD Program

Protective function of a macrophage nuclear receptor corepressor in atherosclerosis development

Sara Oppi, Center for Molecular Cardiology, University of Zurich, imMed PhD Program

15:45 Coffee

16:15 **Oral Presentations**

Role of neutral amino acid transporter LAT4 in mouse epithelia

Anuradha Rajendran, Institute of Physiology, University of Zurich, imMed PhD Program

A computational trial-by-trial EEG analysis of hierarchical prediction errors

Sara Tomiello, Translational Neuromodeling Unit (TNU), University of Zurich & Swiss Federal Institute of Technology (ETH Zurich)

16:45 **Keynote Lecture**

Diagnosis in psychiatry: A complex procedure between clinical practice, scientific standards and ethical demands

Prof. Dr. Paul Hoff, Department of Psychiatry, Psychotherapy and Psychosomatics, University of Zurich

17:30 **Awards for the best presentation and the best posters**
Concluding Remarks

Homemade Snacks and Farewell