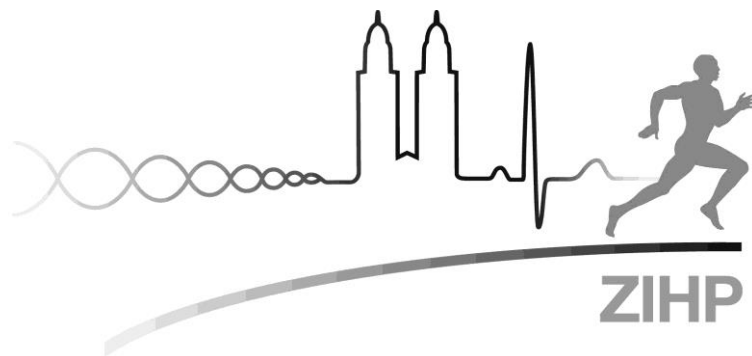


Zurich Center for Integrative Human Physiology (ZIHP)

17th Symposium of the Zurich Center for Integrative Human Physiology

“Past and Present – 16 Years of Knowledge”



Tuesday, September 7, 2021

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

University of Zurich

Zurich Center for Integrative Human Physiology (ZIHP)

Winterthurerstrasse 190, 8057 Zürich

Tel. +41 44 635 50 88/47, E-Mail info@zihp.uzh.ch, <http://www.zihp.uzh.ch>



Program

08:30 **Welcome**

08:45 **Keynote Lecture “Past and present – 16 years of knowledge”**

From molecules to medals: skeletal muscle plasticity in health and disease
Prof. Dr. Christoph Handschin, Biozentrum, University of Basel,
Switzerland

09:30 **Oral Presentations**

Immunological response of peripheral blood mononuclear cells to n-3 enriched emulsion

Paulina Wawrzyniak, Division of Clinical Chemistry and Biochemistry,
Children’s Research Centre, University Children’s Hospital Zurich

Abrogating TGF- β signaling impairs proximal tubule metabolism and response to chronic kidney injury

Merve Kayhan, Institute of Physiology, University of Zurich

Back muscle perfusion and oxygenation during isometric back muscle exercise in patients with chronic low back pain: A cross-sectional matched sample study

Anke Langenfeld, Department of Chiropractic Medicine, University Hospital and University of Zurich

10:15 **Coffee break**

10:45 **Keynote Lecture “Past and present – 16 years of knowledge”**

Clear cell renal cell carcinoma: from fundamental insights to new therapies
Prof. Dr. Ian Frew, Department of Internal Medicine I, Hematology,
Oncology and Stem Cell Transplantation, Medical Center, University
of Freiburg, Germany



11:30 Oral Presentations – imMed Alumni talk about their career after finishing their PhD

Marianna Di Chiara, Application scientist at the department of R&D at TECAN

Marie Lucienne, Preclinical Scientist at the start-up company PharmaBiome

Adisa Trnjanin, Quality Manager at AstraZeneca

Amalia Ruiz Serrano, R&D Scientist in the start-up company Diaxxo

12:15 Lunch and Poster session

13:00 General Assembly of all ZIHP members and Poster session

13:30 Keynote Lecture “Past and present – 16 years of knowledge”

Clear A multi-faceted role I pannexin 1 in atherosclerosis

Prof. Dr. Brenda Kwak-Chanson, Department of Pathology and Immunology, Faculty of Medicine, University of Geneva, Switzerland

14:15 Oral Presentations

Role of islet amyloid polypeptide derived deposits in endothelial dysfunction in type 2 diabetes mellitus

Elisa Dietrich, Institute of Clinical Chemistry, University Hospital of Zurich

iPSC-Derived Neural Models to Investigate Cerebral Methylmalonic Aciduria Pathophysiology

Matthew Denley, Division of Metabolism, University Children’s Hospital Zurich

Differentiation of Horner Syndrome from physiological anisocoria using automated pupillometry compared to apraclonidine testing



Leah Disse, Department of Neurology and Ophthalmology, University
Hospital Zurich

- 15:00 **Special event: Do you know the world of the ZIHP?**
Interactive quiz with attractive prizes 😊

- 15:30 **Awards** for the best presentation and the best posters
Information and Concluding Remarks

- 16:00 **End of the Symposium**