12th Symposium of the Zurich Center for Integrative Human Physiology

Friday, August 26, 2016

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

University of Zurich
Zurich Center for Integrative Human Physiology (ZIHP) / University Research Priority Program
“Integrative Human Physiology”
Winterthurerstrasse 190, 8057 Zürich
Tel. +41 44 635 50 88/47, E-Mail info@zihp.uzh.ch, http://www.zihp.uzh.ch

In collaboration with the PhD Program in Integrative Molecular Medicine (imMed)
Program

08:15  Welcome

08:30  Keynote Lecture
*The relevance of brown adipose tissue for metabolic health*
Prof. Dr. Joerg Heeren, Institute for Biochemistry and Molecular Cell Biology, University Medical Center Hamburg-Eppendorf, Germany

09:15  Oral Presentations

*Bone marrow-specific Sirt6 deletion increases foam cell formation and enhances atherosclerosis by increased macrophage scavenger receptor 1 expression*
Tasneem Arsiwala, Center for Molecular Cardiology, UZH, imMed PhD Program

*Renal erythropoietin producing cells in vivo*
Dr. Karen Nolan, Institute of Physiology, UZH

*Analysis of macrophage priming in persistence of inflammation in Chronic Granulomatous Disease*
Virginia Meda Spaccamela, University Children’s Hospital, Div. of Immunology, Zurich, imMed PhD Program

*Modulation of visual response after L-dopa treatment in zebrafish larvae*
Ting-Feng Lin, Department of Neurology, UZH

10:15  Coffee

10:45  Keynote Lecture
*Proteomic variability: Measurement and phenotypic consequences*
Prof. Dr. Ruedi Aebersold, Institute of Molecular Systems Biology, ETH Zurich

11:30  Oral Presentations

*Cardiomyocyte hypertrophy in inflammatory dilated cardiomyopathy: reciprocal interactions between the immune system and the heart during myocarditis*
Dr. Wino Wijnen, Cardioimmunology, Center for Molecular Cardiology, UZH

*Automatic detection of sleep episodes in long-term eeg recordings*
Alexander Malafeev, Institute of Pharmacology and Toxicology, UZH; Neuroscience Center Zurich, UZH and ETH

12:00  Farewell Lecture
*What did we achieve in those years?*
Prof. Dr. Carsten Lundby, ZIHP Professor

12:30  Lunch and Posters
14:00  General Assembly of all ZIHP members

14:30  Keynote Lecture
The new era of Cognitive Computing: Smart Machines
Dr. Matthias Kaiserswerth, Former Director, IBM Research – Zurich
Now Managing Director of the Hasler Foundation, Bern

15:15  Farewell Lecture
Interplay between HIF-alpha transcription factors, primary cilia and cell cycle tumour suppressor genes in clear cell renal cell carcinoma
Prof. Dr. Ian Frew, ZIHP Professor

15:45  Coffee

16:15  Oral Presentations
Anti-oxidative role of hypoxia-inducible cytoglobin in podocytes: potential association with chronic kidney disease?
Elisa Randi, Institute of Physiology, UZH, National Center of Competence in Research “Kidney.CH”, imMed PhD Program

Bone Marrow Stem Cell Transplantation Improves Proximal Tubule Dysfunction in Dent Disease
Dr. Hendrica Belge, Institute of Physiology, UZH

16:45  Special session “From academia to spin-off”
Dr. David Fluri, InSphero AG, Schlieren
Prof. Dr. Emanuela Keller, NeMoDevices – Insights inside the brain, Zurich

17:30  Concluding Remarks
The future of integrative and translational research
Prof. Dr. Alan Schechter, Molecular Medicine Branch, NIDDK, National Institutes of Health, Maryland, USA
Member of the ZIHP Advisory Board

Awards for the best presentation and the best posters