

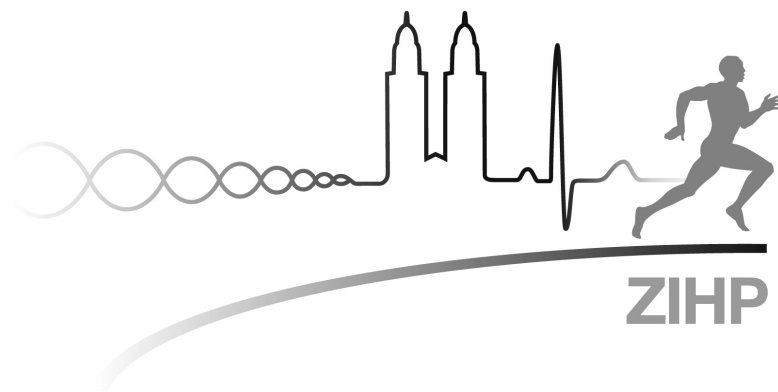


**University of  
Zurich<sup>UZH</sup>**

**Zurich Center for Integrative Human Physiology (ZIHP)**

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# **12<sup>th</sup> Symposium of the Zurich Center for Integrative Human Physiology**



**Friday, August 26, 2016**

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

University of Zurich

Zurich Center for Integrative Human Physiology (ZIHP) / University Research Priority Program  
“Integrative Human Physiology”

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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



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Many thanks to the sponsors of the 12<sup>th</sup> Symposium of the ZIHP!

