

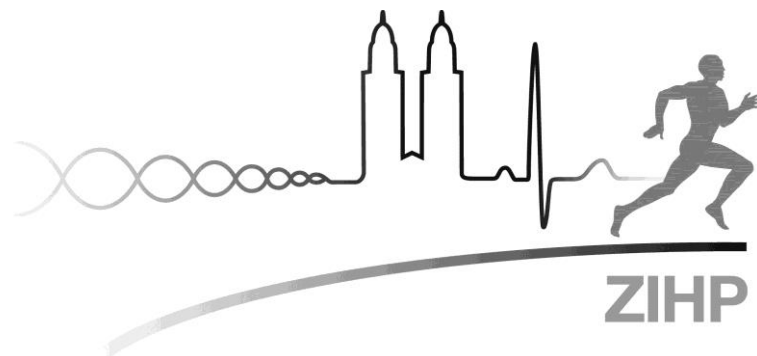


**University of  
Zurich<sup>UZH</sup>**

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

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



**Friday, September 01, 2017**

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

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



## Program

09:00 **Welcome**

09:15 **Keynote Lecture**

*Exome sequencing in the Clinic*

Prof. Dr. med. Anita Rauch, Director Institute of Medical Genetics, University of Zurich

10:00 **Oral Presentations**

*Correction of ureagenesis in ornithine transcarbamylase-deficient spfash mice using naked-DNA minicircle-vector gene transfer to periportal hepatocytes*

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

*Regulatory DNA elements modulating oxygen-regulated erythropoietin gene expression*

Ilaria Orlando, Institute of Physiology, University of Zurich, imMed PhD Program

*Protein destabilization and loss of protein-protein interaction are fundamental mechanisms in cblA-type methylmalonic aciduria*

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

10:45 Coffee

11:15 **Keynote Lecture**

*The eye and body: the retinal pigment epithelium as interface in health and disease*

Prof. Dr. Olaf Strauss, Department of Ophthalmology, Charité Berlin

12:00 **Oral Presentations**

*Lipoprotein genes in the retina: a local role in the development of age-related macular degeneration (AMD)?*

Dr. Federica Storti, Department of Ophthalmology, University of Zurich

*Ongoing neuronal activity as marker of human amygdala function*

Dr. Tommaso Fedele, Clinic for Neurosurgery, University Hospital Zurich

12:30 **Lunch and Posters**

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



14:30 **Keynote Lecture**

*Autonomous mobile robots that roll, walk, swim or fly*

Prof. Dr. Roland Siegwart, Director Autonomous Systems Lab, Founding Co-Director of Wyss Zurich, ETH Zurich

15:15 **Oral Presentations**

*Role of thyroid hormones in pancreatic acinar cell proliferation following acute pancreatitis*

Ermanno Malagola, Department of Visceral and Transplantation Surgery, University Hospital Zurich, imMed PhD Program

*Vasodilatory actions of GLP-1 and GLP-2*

Amy Taheri, Center for Molecular Cardiology, University of Zurich, imMed PhD Program

15:45 Coffee

16:15 **Oral Presentations**

*Co-housing DSS treated mice with healthy mice results in faster normalization of the intestinal microbiota and promotes recovery*

Larissa Hering, Division of Gastroenterology and Hepatology, University Hospital Zurich

*Pericyte HIF-1 deficiency modulates stroke outcome: Implications for the therapeutic time window of HIF-1 intervention*

Chih-Chieh Tsao, Institute of Veterinary Physiology, University of Zurich, imMed PhD Program

16:45 **Keynote Lecture**

*Nature vs. nurture in exercise science*

Prof. Dr. med. Hans Hoppeler, Institute of Anatomy, University of Berne

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

**Concluding Remarks**