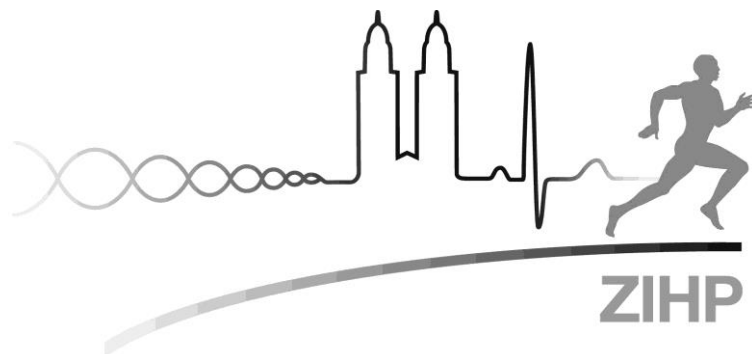


Zurich Center for Integrative Human Physiology (ZIHP)

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



Friday, August 28, 2020

Due to the COVID19 pandemic, the ZIHP  
Symposium will be held as an **online-meeting**

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## Program

08:50 **Welcome**

09:00 **Keynote Lecture**

*Sex and Gender in Medicine*

Prof. Dr. med. Catherine Gebhard, Department of Nuclear Medicine, University Hospital Zurich, Center for Molecular Cardiology, University of Zurich

09:30 **Oral Presentations**

*Resistance mechanisms in non-small cell lung cancer patients upon anti-PD1 therapy*

Dr. Stefanie Hiltbrunner, Department of Medical Oncology and Hematology, University Hospital Zurich

*Glucocorticoid receptor  $\beta$  and its prognostic value on treatment response in chronic vulvar dermatitis*

Valéries Bernays, Department of Gynecology, University Hospital Zurich

*SPARC is a novel regulator of intramuscular adipogenesis downstream of microRNA 29a and Fibroblast Growth Factor-2*

Sebastian Mathes, Division of Endocrinology, Diabetes, and Clinical Nutrition, University Hospital Zurich

10:15 **Discussion: Gender Medicine**

10:45 **Break**

11:00 **Keynote Lecture**

*Clinical application of blood based biomarkers in stroke patients*

PD Dr. med. Mira Katan, Neurology Department, Stroke Center University Hospital Zurich

11:30 **Oral Presentations**

*Erythropoietin receptor controls nitric oxide synthesis and mitochondrial biogenesis in A549 lung cancer cell xenografts in Foxn1nu mice*

Dr. Markus Thiersch, Institute of Veterinary Physiology, University of Zurich



*Hexafluoroisopropanol attenuates the inflammatory response in human effector and target cells, mediated by inhibition of NF- $\kappa$ B p65 translocation*

Dr. Mattia Müller, Institute of Physiology, University of Zurich

*Automated strabismus angle measurements with video goggles compared to prism cover testing*

Dr. Fabienne Fierz, Department of Ophthalmology, University Hospital Zurich

12:15 **Discussion: Biomarkers**

12:45 **Lunch Break and Project Presentations in Breakout Rooms**

13:30 **General Assembly of all ZIHP members**

14:00 **Keynote Lecture**

*Unconventional models for kidney disease*

Prof. Dr. med. Soeren Lienkamp, Institute of Anatomy, University of Zurich

14:30 **Oral Presentations**

*Biomimetic materials for the engineering of three-dimensional vessel models*

Lisa Krattiger, Department of Obstetrics, University Hospital Zurich

*Characterization of a melanocyte progenitor population in human interfollicular epidermis*

Katarzyna Micka, Department of Surgery, Tissue Biology Research Unit, University Children's Hospital Zurich

*What do Laser Optical Rotational Red Cell Analyzer (LoRRca) parameters tell us?*

Simone Fenk, Institute of Veterinary Physiology, University of Zurich

15:15 **Discussion: Tissue Engineering**

15:45 **Award for the best presentation  
Information and Concluding Remarks**