

Österreichische Physiologische Gesellschaft  
AUSTRIAN PHYSIOLOGICAL SOCIETY



*Gegründet / founded 1974*

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# **ÖPG-Symposium 2016**

**Graz, Austria**

October 6 – 7, 2016

Harrachgasse 21, Graz

Aula & SE 07.11

Organized by

Austrian Physiological Society (ÖPG)

&

Institute of Physiology, Center of Physiological Medicine  
Medical University Graz

&

Ludwig Boltzmann Institute (LBI)  
"Lung Vascular Research", Graz

# Invited speakers

(in alphabetical order)

## **Fischer Michael**

Institute of Physiology, Medical University Vienna, Vienna

## **Geiger Margarethe**

Institute of Physiology, Medical University Vienna, Vienna

## **Guillermo Álvarez de Toledo**

Institute of Physiology, Universidad de Sevilla, Spain

## **Habenbacher Walter**

CNSystems, Graz

## **Hinghofer-Szalkay Helmut**

Institute of Physiology, Medical University Graz

## **Kierstein Gerold**

ADInstruments Ltd, Oxford, UK

## **Lechner Judith**

Division of Physiology, Innsbruck Medical University, Innsbruck

## **Olschewski Andrea**

Institute of Physiology, Medical University of Graz; LBI: "Lung Vascular Research", Graz

## **Ritter Markus**

Institute of Physiology and Pathophysiology, Paracelsus Medical Private University, Salzburg

# Program

## Thursday, October 6<sup>th</sup>

19:00 – 22:00 Welcome reception with “Backendl and wine” (advanced registration is mandatory)

## Friday, October 7<sup>th</sup>

08:00 Registration (Aula, Harrachgasse 21, Vorklinik, Medical University of Graz)

08:30 Introductory remarks by the president of ÖPG: Margarethe Geiger (SE 07.11)

08:40 – 10:20

### **PART 1**

*Chairs: Geiger Margarethe & Goswami Nandu*

*Speakers:*

08:40 – 09:00 **Ritter Markus**

The putative role of the non-gastric HK-ATPase ATP12A in apoptosis

09:00 – 09:20 **Hinghofer-Szalkay Helmut**

Gravity, the hydrostatic indifference concept and the cardiovascular system

09:20 – 09:40 **Fischer Michael**

Tissue acidosis-induced pain

09:40 – 10:00 **Lechner Judith**

Renal proximal tubular cells: sex, hormones, and beyond

10:00 – 10:20 **Olschewski Andrea**

Regulation of TASK-1 in pulmonary circulation

10:20 – 10:40 Coffee break

10:40 – 11:40

### **PART 2**

*Chairs: Olschewski Andrea & Ritter Markus*

*Speakers:*

10:40 – 11:00 **Geiger Margarethe**

Cell penetrating SERPINA5 (Protein C inhibitor, PCI): more questions than answers

11:00 – 11:20 **Guillermo Álvarez de Toledo**

Developing Practical Physiology with Arduino

11:20 – 11:40 **Habenbacher Walter**

Non-invasive hemodynamic measurements in research and education

11:40 – 12:00 **Kierstein Gerold**

Powerlab-Presentation

12:00 – 14:30 Lunch break & Poster exhibitions

14:30 – 14:40 Poster prize awards

14:40 – 14:50 Induction of new ÖPG members

14:50 – 15:00 Concluding remarks & FEPS 2017 information