



**Public Lectures**  
**Professorship of Physiology**

**Tuesday, July 2<sup>nd</sup>, 2024**

**08:00–10:50/16:50–17:20**

**Venue:**

Universität Zürich  
Irchel Campus, Y23-K52  
Winterthurerstrasse 198  
8057 Zürich

**08:00–08:30**

**Tobias Brüggemann, Prof. Dr. med.**

University Medical Center Göttingen, Institute for Cardiovascular Physiology

*Vegetative Optogenetics: From new tools to enlighten muscle physiology and new treatment options*

**08:30–09:00**

**Miriam Cortese-Krott, Univ.-Prof. Dr. rer. nat. Dr.**

Heinrich-Heine-Universität Düsseldorf, Herzinfarktforschung

*The redox physiology of red blood cells. Lessons from erythroid cell-specific knock-out and knock-in mice*

**09:00–09:30**

**Claudia Günther, Prof. Dr. rer. nat.**

Universitätsklinikum Erlangen, Department of Medicine 1

*Microbial Messenger: Linking the Microbiome to Inter-Organ Communication during Health and Disease.*

09:30–09:50

*Coffee Break*

**09:50–10:20**

**Tatiana Korotkova, Univ.-Prof. Dr. rer. nat.**

University Clinic Cologne/University of Cologne, Institute for Systems Physiology

*Regulation of innate behaviors by hypothalamic neuronal circuits*

**10:20–10:50**

**David Montero Barril, Prof., PhD**

University of Hong Kong, Department of Medicine

*Lean body mass and the circulatory system: a female-specific relationship and a counter-intuitive target in heart failure*

**16:50–17:20**

**Christian Grimm, Univ.-Prof. Dr. rer. nat. Dr. phil.**

LMU University of Munich

Pharmacology and Toxicology Department Medical Faculty

*Endolysosomal cation channels as novel drug targets Insights from in vitro, in vivo and iPSC-based disease modeling*