

**FUNCTION**



**ACADEMIA EUROPAEA**  
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**Leopoldina**  
Nationale Akademie  
der Wissenschaften

## **Physiology & Pathophysiology 2023**

**7<sup>th</sup> and 8<sup>th</sup> March 2023**

**German National Academy of Sciences Leopoldina, Halle, Germany**

In spite of major recent discoveries in Physiology and Pathophysiology, it is a serious problem that the biomedical sciences are currently 'drowning' in masses of data that do not generate new ideas or models (<https://doi.org/10.1093/function/zqac048>). We often miss the 'big picture'. This conference will therefore be broad, taking us all the way from the main support systems of the body to its principal functions, namely, sensing, moving, talking and thinking. The speakers will provide broad perspectives, enabling meaningful discussions of major advances.

### Confirmed Speakers:

**Donald M Bers**, University of California, Davis

**Dennis Brown**, Harvard University

**Denis Burdakov**, ETH Zürich

**Allen W Cowley**, Medical College Wisconsin

**Annette Dolphin**, University College London

**Julia Gerasimenko**, Cardiff University

**Usha Goswami ML**, Cambridge University

**Peter Hegyi**, Semmelweis University, Budapest

**Monika Jakubowska**, Jagiellonian University in Krakow

**Wolfgang Kübler**, Charité –Universitätsmedizin Berlin

**Mark Nelson**, Vermont University

**John Neoptolemos**, Heidelberg University

**Colin Nichols**, Washington University, St Louis

**R Alan North**, Manchester University

**Carl Petersen**, Brain Mind Institute, EPFL Lausanne

**Anant Parekh**, NIEH North Carolina

**David Poole**, Kansas State University

**Alex Verkhatsky ML**, Manchester University

**Ora Weisz**, Pittsburgh University

Leopoldina Lecture (on the night of 7<sup>th</sup> March 2023): **Ole H Petersen ML**, Cardiff University

**Registration is free, but required:**

<https://www.eventbrite.co.uk/e/physiology-pathophysiology-2023-symposium-tickets-444527382367>