

Satellite Symposium of the DZG Section “Physiology”

Organizers: Christian Müller (Greifswald) and Hans Merzendorfer (Siegen)

Main Topic: *Advances in Membrane Physiology*

We are pleased to announce the upcoming symposium "*Advances in Membrane Physiology*", dedicated to exploring the latest discoveries in membrane biology with a special emphasis on animal and human transporters, pumps, and receptors. This interdisciplinary symposium will bring together researchers from different fields to present and discuss cutting-edge research on the mechanisms, regulation, and physiological roles of membrane proteins. Topics will span from molecular structure, and evolutionary adaptation to pathophysiological implications and pharmacological targeting. Workshops will highlight recent innovations in imaging, electrophysiology, and computational modeling. The symposium aims to foster collaboration across physiology, biochemistry, molecular biology and pharmacology. Join us to engage in vibrant discussions, share insights, and explore emerging directions in membrane physiology.

Outline of the Satellite Meeting (a detailed program will be available on time):

Monday, 8. September 2025

Morning session

- Keynote lecture (tba)
- Submitted oral presentations (tba)

Lunch

Afternoon session

- Keynote lecture (tba)
- Submitted oral presentations (tba)
- Workshops (participants divided into thematic groups)
- Discussion and conclusion on advances in membrane physiology

Dinner