

XXXVII Biophysics Workshop

Strobl, Bundesinstitut für Erwachsenenbildung

Date: 21–23.09.2026

Monday 21.09.2026

16:00 Arrival

16:50–
17:00

Opening remarks

Piotr Piszczek

[Invited Speaker](#)

17:00– 18:00	On the active role of substrates and allosteric regulators of membrane transporter and ion channels	Thomas Stockner Center for Physiology and Pharmacology Medical University of Vienna
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18:30 Dinner

Tuesday 22.09.2026

7:30–9:00 Breakfast

Session 1 Chair: Olga Jovanović

8:50–9:30	Expression of ALFA-tagged UCP2 and OGC in THP1 cells	Michael Hoffmann
9:30– 10:10	Biophysical and functional characterisation of UCP4	Piotr Piszczek
10:10– 10:50	Kinetics and Chemistry of the thiol reactive CPM dye for quantitative thermal denaturation assays	Jürgen Kreiter

10:50–11:10 Coffee break

Session 2 Chair: Piotr Piszczek

11:10– 11:50	UCP1-mediated proton transport: open questions and new perspectives	Giorgia Roticiani
11:50– 12:30	ANT1 Regulates Fatty Acid Anion Transport in the c- and m-states to Increase Proton Transfer Across the Inner Mitochondrial Membrane	Sanja Vojvodić

12:30 Lunch

After lunch Hiking

18:00 Dinner

19:00 Get together

Wednesday 23.09.2026

7:30–9:00 Breakfast

Session 3 Chair: Giorgia Roticiani

10:00– 10:40	The Impact of Membrane Lipid Composition on the Interfacial Protonation and Protonophoric Activity of 2,4-Dinitrophenol (DNP)	Olga Jovanović
10:40– 11:20	Interaction Kir 213 with UCP1 and ANT1	Alina Pashkovskaya
11:20– 12:00	On the Most Intriguing Aspects of Mitochondrial Uncoupling	Elena Pohl

12:00–
12:05

Closing remarks

Elena Pohl

12:30

Lunch