

APHAR MEETING 2026

30th Meeting of the Austrian
Pharmacological Society

Date:

September 28th – 30th 2026

Location:

Johannes Kepler University Linz,
MED Campus 1/Lecture halls



28th September

- 12:00-18:00 **Registration**
- 12:30-15:00 **Workshop**
Eva Maria Zebedin-Brandl, Science with Responsibility- Clinical Research at the Interface of Science, Ethics and Regulation; LEH 102
- 15:00-16:30 **Satellite Symposium**
Chair: Maren Engelhardt
Jan Maximilian Janssen, The brain's first line of defense - visualizing microglia in human cortex
Michael Winklehner, From Receptor-Targeting to Cytotoxicity: Mechanisms in Paraneoplastic Neurological Syndromes
Mariia Ragozina, Same Symptoms, Different Culprits: Aetiological Discrimination in Encephalitis
- 16:30-17:00 **COFFEE BREAK**
- 17:00-17:45 **Evening Plenary**
Chair: Birgit Karner-Höger
Andreas Bergthaler, Purines as novel immunometabolites of CD8⁺ T cell
- 17:45-18:15 **APHAR Honorary membership**
- 18:30 **Dinner on your own**

29th September

- 08:00-12:00 **Registration**
- 08:30-09:15 **Plenary 1**
Chair: Susanna Zierler
Martin Kerschensteiner, Probing and perturbing CNS inflammation
- 09:15-10:00 **Short talks**
Chairs: Theresa Harm & Sofía Inés García Moreno
Katharina Jacob, TRPM7 kinase promotes pathogenic T_H17 responses during CNS autoimmunity
Matthias Ganglberger, Cell-type-specific molecular changes in photoreceptors caused by a CSNB2 Ca_v1.4 C-terminal truncation variant
Selin Helvacıoğlu, Identification and functional characterization of *as3mt* as a novel regulator of aggression
- 10:00-10:30 **COFFEE BREAK**
- 10:30-11:20 **Young investigator talks**
Chair: Dagmar Stoiber-Sakaguchi
Eva Maria König, Molecular mechanisms shaping NK cell - tumor interactions
Katharina Jandl, Neutrophil activation by collagen IVα5 basement membrane fragmentation in lung injury
- 11:20-12:05 **Short talks**
Chairs: Matthias Ganglberger & Anna Madlmayr
Rishi Rajesh, Examining the therapeutic potential of diethyl succinate in preclinical models of pulmonary fibrosis
Theresa Harm, Triple-negative breast tumors induce functional impairment of peripheral natural killer cells
Elena C.A. Becker, Cyclization of dynorphin peptides yields drug candidates for pain management

12:05-13:30	LUNCH BREAK
13:30-14:15	Plenary 2 <i>Chair: Thomas Stockner</i> Thomas Steinkellner , Neurotransmitter co-release in basal ganglia circuits – potential implications for Parkinson's disease
14:15-15:00	Short talks <i>Chairs: Yuliia Nazarenko & Tamara Radišković</i> Horia C. Hermenean , CaV1.3-selective inhibition in a novel mouse model: potential therapeutic strategy for CACNA1D-related disorders Elena Elisa Roth , Dissecting the role of CaV1.4 calcium channels and their pathogenic variants in murine rod bipolar cells Mounaf Al Makhoulouf , Simulation studies investigating the structural and functional basis of TRPV6 modulation by membrane lipids
15:00-16:30	POSTERS 1 and COFFEE
16:30-17:15	Plenary 3 <i>Chair: Philip Steiner</i> Thomas Voets , Pharmacological targeting of TRPM3 for pain and neurological disorders
17:15-18:45	APHAR General Assembly
18:00-23:00	Get-together, The JKU medLOFT

30th September

09:00-9:45	Plenary 4 <i>Chair: Romuald Bellmann</i> Martin Hönlgl , New antifungal drugs in times of increasing antifungal resistance
09:45-10:30	3 Short talks <i>Chair: Mounaf Al Makhoulouf & Tanja Lotteritsch</i> Jakob Pfeiffer-Vogl , Multidrug resistance-associated protein 1 transports ciprofloxacin and influences its <i>in vivo</i> disposition: a PET and <i>in vitro</i> transport study Georg Wietzorrek , Distinct plasma proteomic signature differentiates polymyalgia rheumatica and giant cell arteritis: a pilot study Sophie M. C. Skopec , Mapping functional N-glycosylation sites of the organic cation transporter 3: effects on localization, stability and substrate transport
10:30-12:00	POSTERS 2 and COFFEE
12:00-13:00	LUNCH BREAK and KlinPharm GV
13:00-13:45	Plenary 5 <i>Chair: Jörg Striessnig</i> Nadia Stefanova , Advancing disease-modifying therapies for Parkinsonism
13:45-14:30	Closing Plenary <i>Chair: René Platzer</i> Florian Krammer , Influenza vaccines
14:30-15:10	Awards: Hans Horst Meyer Award Heribert Konzett Award
15:10	End of the APHAR Meeting

Posters (29th and 30th September)

POSTER SESSION 1, 29th September, 15:00-16:30

Poster Tour 1: Immunology

- P01: **Faith O. David**, STK38(L) ablation alters natural killer cell immunity
- P02: **Elena Guarnaccia**, Pharmacological evaluation of food-derived compounds as adjuvant modulators in acute myeloid leukemia
- P03: **Sophie Edtmayer**, The CGRP–CALCRL axis as a potential therapeutic target in acute myeloid leukemia
- P04: **René Platzer**, Gauging bispecific T-cell engagers for enhanced antigen recognition

Poster Tour 2: Ion channels

- P05: **Abdallah Abdalhady**, Synaptic enrichment of a complementary *CACNA1F* C-terminal peptide in Cav1.4-R1827X mice supports rAAV gene supplementation feasibility
- P06: **Isabella Weisleitner**, Stac2 variants define molecular interfaces and biophysical outcomes in neuronal L-type calcium channels
- P07: **Anna Madlmayr**, Pharmacological investigation of novel TRPM7 kinase inhibitors
- P08: **Christina Humer**, Allosteric regulation of TRPV6 by the inhibitor cis-22a
- P09: **Tamara Radišković**, Ultralocal temperature changes modulate Ca²⁺ ion channel function

Poster Tour 3: Transporters

- P10: **Thomas Stockner**, Towards an understanding of substrate transport by the organic cation transporter 3
- P11: **Thomas Angenoorth**, The role of phosphorylation in organic cation transporter 3
- P12: **Niklas Senning**, Structural mechanisms of alternating access of the SbmA transporter
- P13: **Chiara Sebastianelli-Schoditsch**, Expanding amphetamine space: novel homoamphetamines for monoamine transporter targeting
- P14: **Ameya Kasture**, Optogenetic control of dopamine transporter trafficking
- P15: **Ena Baralić**, Pharmacological profiling of novel synthetic cathinones
- P16: **Boško Čturić**, Selective serotonin reuptake inhibitors in irritable bowel syndrome: between potential benefit and limitations of the clinical evidence

POSTER SESSION 2, 30th September, 10:30-12:00

Poster Tour 4: GPCRs and signaling in Parkinson's disease

- P17: **Sofía Inés García Moreno**, Glutamate co-release from inhibitory nigral neurons reverses motor deficits in a Parkinson's disease mouse model
- P18: **Sarah Pfeisinger**, Role of the GABA transporter GAT1 in Parkinson's disease
- P19: **Simon Hasinger**, Decoding G protein-coupled receptor signaling through evolutionary conserved neuropeptide systems
- P20: **Andreas Fraunhofer**, Development of an assay platform for the discovery of macrocyclic peptide modulators targeting β -arrestin signaling

Poster Tour 5: Preclinical development and clinical pharmacology

- P21: **Olobumni O. Mada**, Extraction of peptides from *Sambucus* species and characterization of their anti-cancer properties
- P22: **Žarko Jurić**, Opioid analgesic consumption in Serbia: a five-year analysis in comparison with Croatia and Italy
- P23: **Johannes Pleiner-Duxneuner**, Shortages and pricing of medicines in Austria: a historical overview 2018–2025
- P24: **Miljana Poparić**, Microbiome–corticosteroid interplay in allergic diseases: current evidence and future perspectives
- P25: **Julius Hermes**, Discovery of peptide ligands for human GPCRs from evolutionary related ant peptide signaling systems
- P26: **Jonathan Dieringer**, Cyclic peptides as research tools to study prolyl oligopeptidase inhibition

Poster Tour 6: Endothelial inflammation

- P27: **Rumsha Khan**, Mucosal GPCR signaling in inflammatory bowel disease
- P28: **Sana Ali Zahra**, Endoplasmic reticulum (ER) stress at the immune–endothelial interface
- P29: **Theresa Gogg**, Disease-driven alterations of circadian clock proteins in leukocytes from chronic obstructive pulmonary disease and pulmonary fibrosis patients
- P30: **Svetlana Pahernik**, Therapeutic potential of *N*-acylethanolamine acid amidase (NAAA) inhibition in asthma
- P31: **Tanja Lotteritsch**, The role of succinate as a signaling molecule in human fetoplacental endothelial cells
- P32: **Andreas Lieb**, G protein-gated inwardly rectifying potassium (GIRK) 1/2 channel pharmacology of antihistamines: implications for toxicity and safety

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