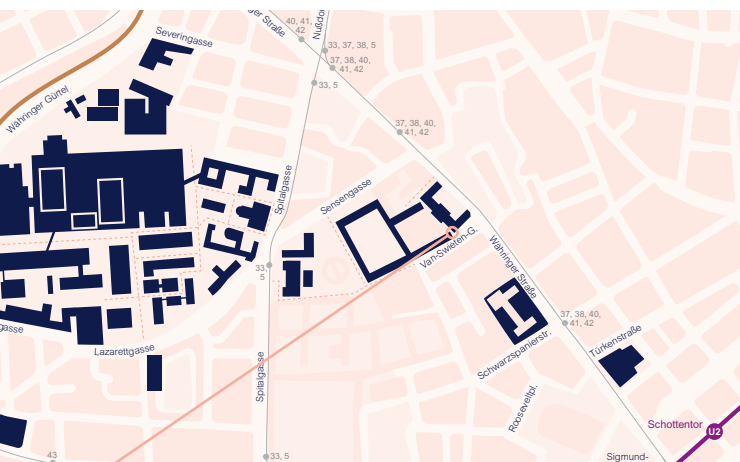


Contact
E-Mail: christian.w.gruber@meduniwien.ac.at



Please register under
[physiologie-pharmakologie.meduniwien.ac.at/
peptide-symposium](https://physiologie-pharmakologie.meduniwien.ac.at/peptide-symposium)



Van Swieten Saal, Medical University of Vienna
Van-Swieten-Gasse 1a, 1090 Vienna

Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.

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Dear Colleagues,

It is our great pleasure to welcome you to the 14th Austrian Peptide Symposium, bringing together researchers from academia and industry to exchange ideas and share the latest advances in peptide science. The meeting continues a proud tradition of fostering collaboration and innovation across chemistry, biology, and pharmacology within the Austrian and European peptide community.

A highlight of this year's symposium is the presentation of the 5th Bachem Award for Peptide Science, recognizing outstanding achievements in the biology and/or chemistry of peptides within the DACH countries and celebrating excellence across our regional research network.

We wish you an inspiring and enjoyable meeting and warmly invite you to join us next year for the 38th European Peptide Symposium, which will be held in Vienna from from 6 to 11 September 2026.

With kind regards,

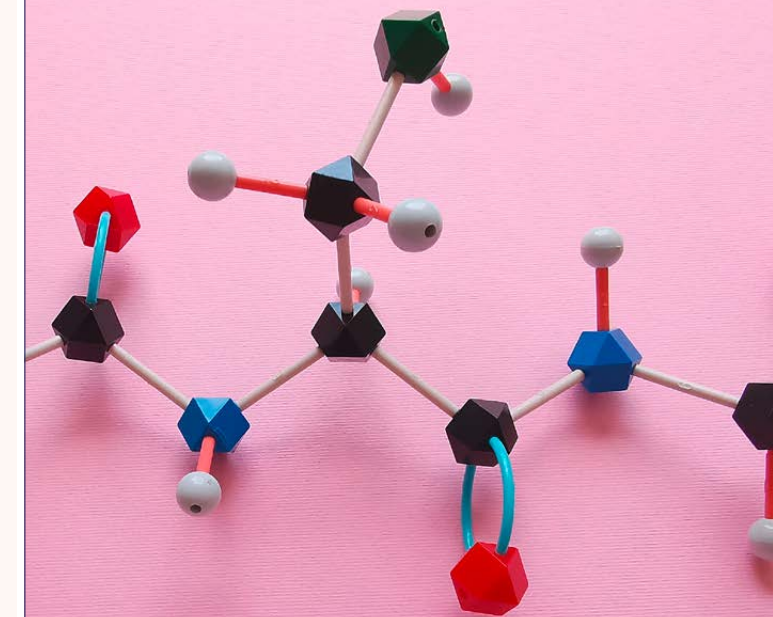
Co-chairs

Christian Becker, Institute of Biological Chemistry,
University of Vienna, Austria

Christian Gruber, Center for Physiology and Pharmacology,
MedUni Vienna, Austria



Further information is available at
[physiologie-pharmakologie.meduniwien.
ac.at/peptide-symposium](https://physiologie-pharmakologie.meduniwien.ac.at/peptide-symposium)



CENTER FOR PHYSIOLOGY
AND PHARMACOLOGY
MEDICAL UNIVERSITY OF VIENNA

Invitation 14th Austrian Peptide Symposium

5th December 2025

Van Swieten Saal, Medical University of Vienna

physiologie-pharmakologie.meduniwien.ac.at

Programme

8.00 – 9.00 am
Registration and poster display

9.00 – 10.30 am
Session 1: Peptide and protein chemistry
Chair: Christian Becker, Institute of Biological Chemistry, University of Vienna, Austria

Solid phase peptide synthesis of heteromeric catalytic a,d-foldamers
Andre Cobb, Department of Chemistry, King’s College London, UK

Stepwise design of multifunctional proteins and bimolecular assemblies
Florian Praetorius, Institute for Science and Technology Austria

Breaking a 60-year-old paradigm in collagen model peptide research
Tomáš Fiala, Masaryk University, Czechia

10.30 – 11.00 am
Coffee break

11.00 am – 12.30 pm
Session 2: Peptide pharmacology and biology
Chair: Christian Gruber, Center for Physiology and Pharmacology, MedUni Vienna, Austria

Evolution and diversity of ant venom peptide toxin arsenals
Eivind Undheim, Centre for Ecological and Evolutionary Synthesis, University of Bergen, Norway

Prediction of peptide bitter taste
Antonella Di Pizio, Leibniz-Institut für Lebensmittel-systembiologie, TU München, Germany

Molecular resilience by design: Aromatic interactions and folding as intrinsic stabilizers of peptides and foldamers
András Perczel, Eötvös Loránd University, Hungary

12.30 – 12.35 pm
Group photograph

12.35 – 1.15 pm
Lunch break

1.15 – 2.15 pm
Poster session and industry presentation
Details of the poster session presentations will be announced on site on the day of the event.
 physiologie-pharmakologie.meduniwien.ac.at/peptide-symposium

2.15 – 3.30 pm
Session 3: Hot topics in peptide science – selected from abstracts
Chair: Anne Conibear, Institute of Applied Synthetic Chemistry, TU Vienna, Austria

Light-fueled competitive exclusion in a protein-catalyzed dissipative peptide replication
Éva Bartus, Department of Medical Chemistry, University of Szeged, Hungary

Photocaged neuropeptides for precision studies
Konstantin Raabe, Institute of Biological Chemistry, University of Vienna, Austria

Late-Stage functionalization of peptides on the solid phase
Marius Werner, Institute of Organic Chemistry and Institute of Pharmacy and Molecular Biology, Heidelberg University, Germany

Semi-synthesis of site-specifically modified HMGN1 to explore crosstalk between Ser-phosphorylation and Lys-acetylation in the nucleosome binding domain
Medine Soydan, Institute of Applied Synthetic Chemistry, Faculty of Technical Chemistry, TU Vienna, Austria

Probing GPCR signaling using evolutionary conserved invertebrate neuropeptide systems
Simon Hasinger, Center for Physiology and Pharmacology, MedUni Vienna, Austria

Effects of site-specific glycation on α-synuclein aggregation
Tim Baldensperger, Institute of Biological Chemistry, University of Vienna, Austria

3.30 – 4.00 pm
Coffee break

4.00 – 4.45 pm
Session 4: Peptides in drug discovery and production methods
Chair: Roland Hellinger, Center for Physiology and Pharmacology, MedUni Vienna, Austria

Greening peptide purification through replacement of acetonitrile with ethanol
Christian Behn, CEM GmbH, Kamp-Lintfort, Germany

Real time electrophysiological analysis of peptide-membrane interactions
Alison Obergrussberger, Nanion Technologies, Munich, Germany

4.45 – 5.30 pm
Session 5: Award lecture
Chair: Christian Becker, Institute of Biological Chemistry, University of Vienna, Austria
Christian Gruber, Center for Physiology and Pharmacology, MedUni Vienna, Austria

Charting the unnatural space: the use of AS-MS in peptide drug discovery
Nathalie Grob, Department of Chemistry, ETH Zürich, Switzerland

5:30 – 6.00 pm
Poster prizes and closing remarks

6.00 – 10.00 pm
Dinner with wine tasting and networking party