8:30 – 9:15  Registration and mounting of posters
9:15 – 9:30  Welcome address

9:30 – 11:00  Session 1: Bioactive Peptides: Physiology, Pharmacology and Therapy
Chair: Christian Gruber (Medical University of Vienna)

9:30 – 10:00  Annette G. Beck-Sickinger (University of Leipzig, Germany):
“Molecular mechanism of peptide hormone binding and GPCR trafficking”

10:00 – 10:30  Jozef Vanden Broeck (KU Leuven, Belgium):
“Peptide-receptor couples implicated in the control of feeding and digestion in insects”

10:30 – 11:00  Miguel Castanho (University of Lisbon, Portugal):
“Peptide-lipid duets in viruses, humans and bacteria”

11:00 – 11:30  Coffee Break (Foyer)

11:30 – 12:30  Session 2: Peptide Chemistry and Mimicry
Chair: Christian Becker (University of Vienna)

11:30 – 12:00  Rob Liskamp (University of Glasgow, UK):
“Protein mimics by molecular scaffolding of cyclic peptides using Cu(I)-catalyzed cycloaddition and native chemical ligation”

12:00 – 12:30  Tamás Martinek (University of Szeged, Hungary):
“Protein mimicry with peptidic foldamers: structure and function”

12:30  Group Photo

12:45 – 14:30  Lunch Break, Poster Session and Industry Presentations
Light lunch buffet provided in the foyer
14:30 – 16:00  **Session 3: Hot Topics in Peptide Science - Oral Contributions selected from submitted abstracts**
Chair: Hannelore Breitenbach-Koller (University of Salzburg)

14:30 – 14:45 **Marina Rubini** (University of Konstanz, Germany):
“(4R)- and (4S)-Fluoroproline in the conserved cis-prolyl peptide bond of the thioredoxin fold: tertiary structure context dictates ring puckering”

14:45 – 15:00 **Reza Omidvar** (Univ. of Nat. Resources and Life Sciences, Tulln, Austria):
“Functional analysis of defensin-like peptide from *Arabidopsis thaliana*”

15:00 – 15:15 **Anne Conibear** (The University of Queensland, Brisbane, Australia):
“Characterising mammalian cyclic peptides by NMR”

15:15 – 15:30 **Kathrin Thell** (Medical University of Vienna, Austria):
“Cyclotides as immunosuppressive therapeutics against experimental autoimmune encephalomyelitis”

15:30 – 15:45 **Claudia Bello** (University of Vienna, Austria):
“An auxiliary-mediated approach for the chemoenzymatic synthesis of site-specifically glycosylated peptides”

15:45 – 16:00 **Andreas Friedrich** (University of Salzburg, Austria):
“Specialized ribosomes as targets for therapeutic treatments in Epidermolysis bullosa”

16:00 – 16:30 **Coffee Break** (Foyer)

16:30 – 18:00  **Session 4: Peptide-, Protein Structure and Bioanalytics**
Chair: Chiara Cabrele (University of Salzburg)

16:30 – 17:00 **Christian Huber** (University of Salzburg, Austria):
“Analytical characterization of peptides: recent progress in separation, identification and sequencing”

17:00 – 17:25 **Robert van Ling** (Thermo Fisher Scientific, The Netherlands):
“Utilizing UHPLC workflows in peptide separations”

17:25 – 17:50 **Heidi Pertl-Obermeyer** (University Hohenheim, Germany):
“QconCATs: standards for multiplexed absolute quantification of proteins by mass spectrometry”

17:50 – 18:00 **Poster Prizes and Closing Remarks**

18:00 – 22:00 **Dinner and Get Together**
Dinner buffet provided in the foyer

The meeting is held under the auspices of the European Peptide Society.
We would like to thank our sponsors for this event:

The European Peptide Society
Poster presentations (Foyer)

Poster 1  Viktoria Syntschemsk (Heinrich Heine University Düsseldorf, Germany): “Synthesis and systematic conformational investigations of α-aminoxy peptoids”

Poster 2  Laura Akkari (University of Duisburg-Essen, Germany): “Inhibition of amyloid-β aggregation by mono-functionalized gold nanoparticles”

Poster 3  Tom Podewin (Ludwig-Maximilians-University of Munich, Germany): “Photocontrolled chignolin-derived β-hairpin model peptides”

Poster 4  Florian Zauner (University of Salzburg, Austria): “Biochemical characterization of peptidase ad peptide ligase activities of plant legumains”

Poster 5  Waheed Shabbir (University of Vienna, Austria): “Glycosylation-dependent activation of ENaC by the TNF-α lectin like domain derived peptide AP301”

Poster 6  Luigi Grassi (University of Salzburg, Austria): “Strategies for the synthesis of peptidyl salicylaldehyde esters as useful tools for Ser/Thr-based peptide ligation”

Poster 7  Mehmet Can Araman (University of Vienna, Austria): “Investigating the influence of posttranslational modifications on prion protein”

Poster 8  Zita Liutkeviciute (Medical University of Vienna, Austria): “Functional role of oxytocin-like neuropeptide signalling in ants”

Poster 9  Saskia Neukirchen (University of Salzburg, Austria): “Synthesis, conformation and protein recognition of lactam-bridged octapeptides”

Poster 10  Roland Hellinger (Medical University of Vienna, Austria): “Target deconvolution of immunosuppressive circular plant peptides”

Poster 11  Cornelia Roschger (University of Salzburg, Austria): “Recombinant expression, purification and stability of full-length and truncated HLH Id2 protein for structural studies”

Poster 12  Stefanie Hackl (University of Vienna, Austria): “Semisynthesis of lipidated prion protein variants”

Poster 13  Maria Matveenko (University of Vienna, Austria): “Chemical access to proteins bearing non-enzymatic posttranslational modifications”

Poster 14  Corinna Jansen (Ludwig-Maximilians-University of Munich, Germany): “Synthesis of chemically modified tumor-associated MUC1 glycopeptide antigen analogs comprising non-natural amino acids”

Poster 15  Doris Ellmer (University of Vienna, Austria): “Semi-synthesis of full length Tau-4 – strategy and first results”

Poster 16  Giulia Di Giglio (Medical University of Vienna, Austria): “Pharmacology of novel oxytocin-like neuropeptides from ants”

Poster 17  Manuel Hafner (University of Vienna, Austria): “Enzyme functionalized biomimetic particles”

Poster 18  Isabel Pablos (University of Salzburg, Austria): “Physico-chemical and immunological characterization of allergenic defensin-like proteins”

Poster 19  Sabrina Wildner (University of Salzburg, Austria): “Different susceptibility of Art v 3 to thermal treatment is depending on pH environment”