

General Information

Topic

The 17th German Peptide Symposium 2026 is an open-topic conference for all aspects of modern Peptide Chemistry. The symposium will feature plenary and keynote lectures, and poster sessions, providing a platform for early-career scientists and established experts to exchange knowledge, discuss the latest developments in peptide science and explore potential applications in biomedicine, biotechnology, and materials sciences.

Poster Session

The symposium's poster sessions will provide an opportunity for early career researchers to present their work. We encourage participation, and the best posters will be awarded. Prizes are sponsored by:

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International
Edition

Organizing Committee

Hans-Dieter Arndt | Jena University | Organic Synthetic Chemistry

Malte Gersch | TU Dortmund | Chemical Biology

Ute Hellmich | Jena University | Biostructural Interactions

Markus Kaiser | UDE | Chemical Biology

Norbert Sewald | Bielefeld University | Bioorganic Chemistry and Chemical Biology

Contact and Local Organization

Maïke Müller

+49 201 183 3670

17gps@uni-due.de

Venue

University of Duisburg-Essen (UDE)

Building S04
Universitätsstr. 2
45141 Essen

Funding

The symposium is sponsored by



We thank for further support



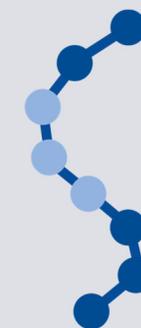
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Program

UNIVERSITÄT
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17th GERMAN PEPTIDE SYMPOSIUM

Essen, March 4-6, 2026

Program

Wednesday, March 4th, 2026

15.00 Registration & Coffee

16.00 Welcome Notes by Markus Kaiser

16.05 Welcome Notes by UDE Rector Barbara Albert

Session I – Chair: Malte Gersch

16.15 [Plenary lecture Matt Bogyo](#), Stanford University, USA
Peptides and peptide mimetics as covalent probes for imaging cancer and infectious diseases

17.15 [Hans Michael Maric](#), University of Würzburg, GER
Intracellularly Active Peptidic Conjugates for Imaging and Gene Silencing

17.35 [Steven Verhelst](#), KU Leuven, BE
Targeting proteases with photo-activatable peptide derivatives

17.55 [Keynote Hermen Overkleeft](#), Leiden University, NL
Activity-based protein profiling: glycosidases and proteases.

18.45 Social Evening & Poster Session

19.30 Poster Session

19.30 **odd** poster numbers / 20.30 **even** poster numbers

Food and beverages will be served during the Poster Session

Thursday, March 5th, 2026

08.30 Get-together, Coffee

Session II – Chair: Roderich Süßmuth

9.00 [Keynote Annette Beck-Sickinger](#), Leipzig University, GER
Peptides, targeting G protein-coupled receptors

9.40 [Jannik Keyser Paulus](#), University of Göttingen, GER
Redox Responsive Peptide Dimers to Stabilize and Release Therapeutic dsRNA

10.00 [Christina Lamers](#), Leipzig University, GER
Bicyclic peptides targeting the complement receptors 3 – the importance of reaction conditions on isomer formation.

10.20 [Oliver Seitz](#), HU Berlin, GER
Peptides on DNA - Bispecific agents for enhanced targeting of cancer cells

10.40 Coffee Break

Session III – Chair: Hans-Dieter Arndt

11.10 [Keynote Roman Jerala](#), Kemijski Institut, SI
Coiled-coil peptide-based modules for the design of new protein folds and mammalian cell regulation

11.50 [Puneeth Drgkoppalu Ramanna](#), Bielefeld University, GER
Antiparallel β -Double Helices from α,γ -Hybrid Peptides

12.10 [Arka Som](#), Johannes Gutenberg University of Mainz, GER
Enzymatic Transformation of Peptide Recognition and Dynamic Supramolecular Crosslinks

12.30 [Cornelia Koy](#), University Medicine Rostock, GER
Mass Spectrometric ITEM-FIVE Analysis Reveals Increasing Trimer Stability of T4 Fibrin Foldon Variants Upon Introduction of N-terminal Amino Acid Residues with Artificial Space-demanding Side-chains.

12.50 Lunch Break

Session IV – Chair: Steven Verhelst

14.00 [Keynote Christian Hackenberger](#), Leibniz Forschungsinstitut für Molekulare Pharmakologie (FMP), GER
Peptide-conjugates, additives and tools to advance intracellular protein delivery

14.40 [Michaela Prothiwa](#), University Antwerp, BE
Chemical profiling of virulence-related bacterial proteases

15.00 [Christian Schwarz](#), Numaferm GmbH, GER
A Novel Biochemical Platform for Efficient Peptide and Protein Production

15.20 [Keynote Monique Mulder](#), Leiden University Medical Center, NL
Navigating the Ub & Ubl Landscape: From Chemical Probes to Control

16.00 Coffee Break

Session V – Chair: Norbert Sewald

16.30 [Keynote Loren Walensky](#), Dana Farber Cancer Institute, USA
From Helix Stabilization to Targeted Therapeutics: Stapled Peptides and their PROTAC Chimeras for Wild-Type p53 Cancers

16.50 [Veronica Dodero](#), Bielefeld University, GER
Self-assembly of PPII-rich gluten peptides and their implications in health and disease

17.10 [Charalampos Pappas](#), University of Freiburg, GER
Abiotic Acyl Transfer Cascades Driven by Phosphate Esters and Self-Assembly

17.30 [Peter 't Hart](#), University of Münster, GER
Modulation of mRNA degradation by targeting the CCR4-NOT complex using stapled peptides

19.00 **Conference Dinner @Dampfe**
Heinrich-Brauns-Straße 9-15,
45355 Essen



Friday, March 6th, 2026

08.30 Get-together, Coffee

Session VI – Chair: Christian Hackenberger

9.00 [Keynote Hans-Dieter Arndt](#), Friedrich-Schiller-University, GER
On Synthesis and Investigations of (and with) Cyclodepsipeptides

9.40 [Franziska Thomas](#), Heidelberg University, GER
From the Chemist's Toolbox: New Synthetic Approaches for Therapeutic Peptides and Beyond

10.00 [Martin Technau/Christian Behn](#), CEM GmbH, GER
Massive Waste Reduction for Solid Phase Peptide Synthesis/ Greening Reversed-Phase Liquid Chromatography Methods through replacement of Acetonitrile with Ethanol

10.20 [Sven Ullrich](#), University of Tokyo, JP
Biocompatible Chemistry for Constrained Peptides and Compact Proteins

10.40 Coffee Break

Session VII – Chair: Hermen S. Overkleeft

11.00 [Keynote Roderich Süßmuth](#), TU Berlin, GER
Peptide Antibiotics that Matter: Linking Structure to Biological Effect

11.40 [Armin Geyer](#), Philips Universität Marburg, GER
Synthesis of natural and designed C β -functionalized peptides

12.00 [Christian Steuer](#), ETH Zurich, CH
Analytical challenges and opportunities in peptide drug discovery: lessons learned from chromatography and mass spectrometry.

12.20 [Raimund Maier](#), Iris Biotech GmbH, GER
Tag-Assisted Peptide Synthesis (TAPS) Enabling More Efficient and Sustainable Peptide Synthesis and Purification

12.40 Lunch Break

Session VIII – Chair: Monique Mulder

13.40 [Keynote Maja Köhn](#), University of Bonn, GER
Peptide tools to dissect phosphatase-substrate interactions

14.20 [Juan Lizandra Perez](#), Vrije Universiteit Amsterdam, NL
Design and Characterization of β -catenin site-specific Cell-Permeable β -Hairpin-based Inhibitors

14.40 [Robert Zitterbart](#), Gyros Protein Technologies, USA
Reliable High Throughput Chemo Selective Catch and Release Purification of Peptides from TFA Cleavage Cocktails Without Precipitation

15.00 [Lennart Brewitz](#), Polish Academy of Sciences, PL
Activity assays with substrate-derived oligopeptides enable development of substrate selective inhibitors of the SARS-CoV-2 papain-like protease

15.20 **Poster Prize & Closing Remarks**