

# General Information

## Topic

The 17<sup>th</sup> 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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Chemie  
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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

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## Venue

**University of Duisburg-Essen (UDE)**

Building S04  
Universitätsstr. 2  
45141 Essen

## Funding

The symposium is sponsored by

CEM

Iris  
Biotech

NUMAFERM

RAPP  
POLYMERE

MERCK

GYROS PROTEIN  
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# Program

UNIVERSITÄT  
DUISBURG  
ESSEN

Offen im Denken



17<sup>th</sup>  
GERMAN  
PEPTIDE  
SYMPOSIUM

Essen, March 4-6, 2026

# Program

## Wednesday, March 4<sup>th</sup>, 2026

15.00 Registration & Coffee

16.00 Welcome Notes by Markus Kaiser

16.05 Welcome Notes by UDE Rector Barbara Albert

### Session I – Chair: N.N.

- 16.15 [Plenary lecture Matt Boggyo](#), 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 Overkleef](#), 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 5<sup>th</sup>, 2026

08.30 Get-together, Coffee

### Session II – Chair: N.N.

- 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: N.N.

- 11.10 [Keynote Roman Jerala](#), Kemijski Inštitut, 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  $\beta$ -Double Helices from  $\alpha,\gamma$ -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: N.N.

- 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: N.N.

- 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 PP11-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 6<sup>th</sup>, 2026

08.30 Get-together, Coffee

### Session VI – Chair: N.N.

- 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 VI – Chair: N.N.

- 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 $\beta$ -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 VII – Chair: N.N.

- 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  $\beta$ -catenin site-specific Cell-Permeable  $\beta$ -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