

# 45. Max-Bergmann Konferenz

Seminar- und Tagungshotel Große Ledder

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*Max Bergmann*



# Wissenschaftliches Programm/Scientific Program

**Montag/Monday, 08.09.2025**

**08:30 Eröffnung/Opening - Norbert Sewald**

## **Antikörper- & Peptid-Wirkstoffkonjugate/Antibody- & Peptide-Drug Conjugates**

**Vorsitz/Chair: Christian Becker**

**08:35 Hans-Georg Lerchen**, formerly Vincerx Pharma (45 min + 10 min discussion)  
Tailored Linker-Payload Design for ADCs & SMDCs: Discovery & Translational Aspects

**09:30 Harald Kolmar**, TU Darmstadt (30 min + 10 min discussion)  
The taming of the shrew: Generation and application of Antibody-Drug Conjugates

**10:10 Annette Beck-Sickinger**, University of Leipzig (15 min + 5 min discussion)  
Peptide-drug conjugates: Selective uptake and endosomal release

**10:30 Kaffeepause/Coffee break**

**Vorsitz/Chair: Dorothea Fiedler**

**11:00 Norbert Sewald**, University of Bielefeld (15 min + 5 min discussion)  
Cryptophycin Conjugates

**11:20 Roland Brock**, Radboud University (15 min + 5 min discussion)  
How to increase the activity of a CPP through removal of delivery bottlenecks

**11:40 Franziska Thomas**, University of Heidelberg (15 min + 5 min discussion)  
De novo Designed Minienzymes

**12:00 Luc Brunsveld**, TU Eindhoven (15 min + 5 min discussion)  
Wie man Proteine klebt

**12:20 Mittagessen/Lunch**

**14:00 Ausflug/Excursion**

**Dienstag/Tuesday, 09.09.2025**

**Vorsitz/Chair: Knud Jensen**

- 08:30 Philipp Ochtrop**, Tubulis GmbH (15 min + 5 min discussion)  
Phosphorus-based Linkers for the Construction of Stable and Efficacious Antibody-Drug-Conjugates
- 08:50 Nicole Biber**, Merck KGaG (15 min + 5 min discussion)  
Targeted PROTAC delivery - Principles of crafting PROTAC-ADCs and self-assembling PROxAb shuttles
- 09:10 Oliver Zerbe**, University of Zurich (15 min + 5 min discussion)  
A soluble mimic of the LptD receptor suitable for high-throughput screening of antimicrobial peptides
- 09:30 Olalla Vazquez**, University of Marburg (15 min + 5 min discussion)  
Exploring a unique chemical territory for the eradication of bacterial infections
- 09:50 Armin Geyer**, University of Marburg (15 min + 5 min discussion)  
With Hydroxy-Amino Acids to Functionalized Peptides

**10:10 Kaffeepause/Coffee break**

**Vorsitz/Chair: Aphrodite Kapurniotu**

- 10:40 Hans-Dieter Arndt**, University of Jena (15 min + 5 min discussion)  
Lipidierte Cyclodepsipeptide - Synthese und Einsichten
- 11:00 Roderich Süßmuth**, TU Berlin (15 min + 5 min discussion)  
Structure and Biosynthesis of the Peptide AFC-BC11 from bacteria of the genus Burkholderia
- 11:20 Valentin Wittmann**, University of Konstanz (15 min + 5 min discussion)  
Development of Covalent Lectin Ligands

**11:40 Mitgliederversammlung/Members meeting**

**13:00 Mittagessen/Lunch**

**Vorsitz/Chair: Norbert Schaschke**

- 14:00 Ron Raines, MIT, USA** (15 min + 5 min discussion)  
A Peptide Can Replace an Essential Enzyme in a Cell
- 14:20 Rudi Glockshuber, ETH Zurich** (15 min + 5 min discussion)  
Structure and adhesion mechanism of type 1 pili from uropathogenic E. coli strains
- 14:40 Christian Hackenberger, FMP Berlin** (15 min + 5 min discussion)  
Mapping intracellular peptide interactomes using an organic energy transfer photocatalyst
- 15:00 Tom Grossmann, University of Göttingen** (15 min + 5 min discussion)  
Chemical bicyclization of a D-stereospecific hydrolase complex

**15:20 Kaffeepause/Coffee break**

**Vorsitz/Chair: André Dieskau**

- 15:50 Oliver Seitz, Humboldt University Berlin** (15 min + 5 min discussion)  
Extending peptide ligation to acidic pH and junctions comprising glycosylated and phosphorylated amino acids
- 16:10 Robert Zitterbart, Gyros Protein Technologies** (15 min + 5 min discussion)  
From Cleavage to Clean: A Universal Peptide Purification out of TFA Mixtures
- 16:30 Henning Mootz, University of Münster** (15 min + 5 min discussion)  
Ultra-fast and cysteine-less protein trans-splicing
- 16:50 Eike Fabian Sachs, Corden Pharma** (15 min + 5 min discussion)  
Tag Assisted Peptide Synthesis – Development of a Continuous Liquid-Phase Process

**Nachwuchspreis 2025 (gefördert durch Bachem)**

- 18:00 Christian Stieger, University of Berkeley**



**Max-Bergmann-Medaille 2025 (gefördert durch Sanofi-Aventis)**

**18:45 Helma Wennemers, ETH Zurich**



**20:00 Bankett zu Ehren der Preisträger\*innen**