



General Information

MAGICBULLET consortium and scientific committee of the 5th International CeBiTec Research Conference:

Cesare **Gennari** (Università degli Studi di Milano, IT)
Pirjo **Laakkonen** (University of Helsinki, FI)
Gábor **Mező** (Eötvös Loránd University Budapest, HU)
Ines **Neundorf** (University of Cologne, DE)
Andreas **Pahl** (Heidelberg Pharma GmbH, Ladenburg, DE)
Jan **Anderl** (Heidelberg Pharma GmbH, Ladenburg, DE)
Umberto **Piarulli** (Università degli Studi dell' Insubria, IT)
Norbert **Sewald** (Bielefeld University (Co-ordinator), DE)
Christian **Steinkühler** (Exiris, Rome, IT)
József **Tóvári** (National Institute of Oncology, Budapest, HU)

Registration

For details regarding registration please visit www.magicbullet.de

Location

Center for Interdisciplinary Research (ZiF)
Methoden 1, 33615 Bielefeld
<http://www.uni-bielefeld.de/ZiF>

Conference Dinner

The conference dinner will take place on Tuesday September 22nd at 19:00 at the Brauhaus Joh. Albrecht Hagenbruchstr. 8 33602 Bielefeld

Bus Transfers

Bus transfers between the ParkInn Bielefeld Hotel and the conference venue are organized. A schedule for the departure times is available in the conference book.

Further Information

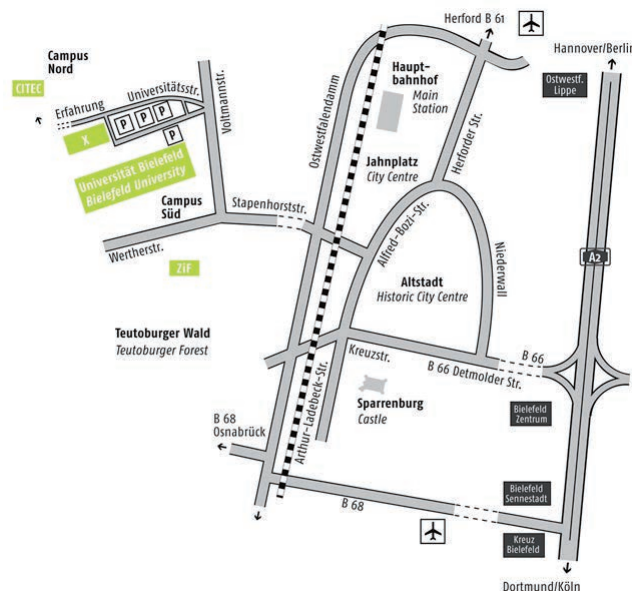
For further information please contact drugconjugates2015@uni-bielefeld.de



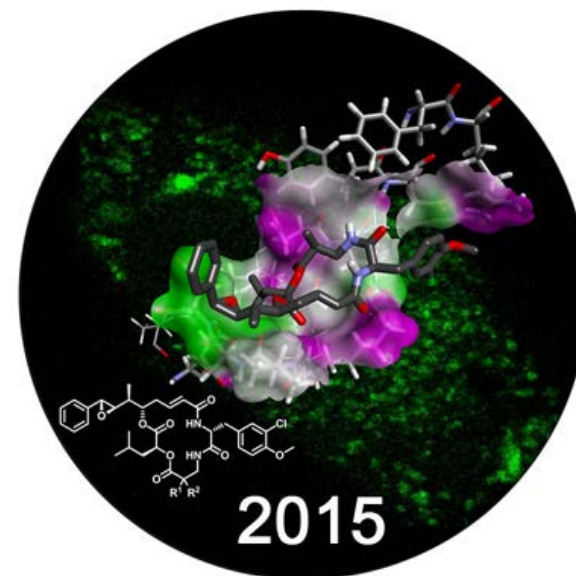
Arrival

By car, you can take the A2 Dortmund - Hannover, exit at "Bielefeld-Zentrum", follow the street signs towards the center ("Zentrum"), and from there follow the signs to "Werther". From the "Wertherstraße", the ZiF is on the left side on the slope of the hill. The entrance is signposted.

Bielefeld can be reached from any major town by trains running on an hourly schedule (Eurocity train system: marked EC, IC, or ICE on the train schedule). From Bielefeld's main station you can either take a taxi to the ZiF (approx. EUR 10,-) or take the underground tram line 4 (destination "Universität" or "Lohmannshof"). From the tram stop "Universität" you can reach the ZiF by walking up the hill behind the main building of the university (the way is signposted).



Drug Conjugates for Directed Therapy



September 20th – 23rd, 2015

Center for Interdisciplinary Research (ZiF)
Bielefeld University, Germany



Programme

Sunday, September 20th, 2015

Session 1 - Public lecture

- 18:00 Ravi Chari ImmunoGen, US
Antibody Drug Conjugates: Conferring Tumor Selectivity to Cytotoxic Agents

Monday, September 21st, 2015

- 08:30 Registration at the ZiF
09:00 Norbert Sewald
Opening ceremony and Welcome address

Session 2 - Chair: Christian Steinkühler

- 09:20 Horst Kessler TU München, DE
Selective Addressing Integrin Subtypes for Drug Research, Molecular Imaging and Biophysical Studies
- 10:00 József Tóvári National Institute of Oncology, HU
Application of Peptid-Drug Conjugates in Animal Tumor/Metastasis Models
- 10:20 Mohamed Shaaban National Research Centre, EG
Four New Bioactive Metabolites from Penicillium Purpurogenum MM
- 10:40 Coffee Break and Discussion

Session 3 - Chair: Pirjo Laakkonen

- 11:00 Ravi Chari ImmunoGen, US
Antibody-Drug Conjugates: Pathway From a Concept to the Clinic
- 11:40 Nicolas Joubert Université de Tours, FR
A New Chemical Platform for the Modular Construction of Homogeneous Antibody-Drug Conjugates
- 12:20 Gábor Mező Eötvös Loránd University, HU
Dual Targeting With Cyclic NGR Peptides
- 13:00 Lunch Break

Session 4 - Chair: Cesare Gennari

- 14:00 Hans-Georg Lerchen Bayer AG, DE
Targeted Drug Conjugates: Challenges in the Interface Between Small Molecules and Proteins
- 14:40 James Baker University College London, UK
The Next Generation Maleimide Platform for the Construction of Homogeneous Protein Conjugates



Programme

- 15:20 Doron Shabat Tel-Aviv University, IL
Distinct Developments in Linker Technologies for Bioconjugation
- 16:00 Norbert Sewald Bielefeld University, DE
Cytotoxic Peptide-Drug Conjugates Based on Cryptophycins
- 16:20 Thomas Bruckdorfer Iris Biotech, DE
Practical Linking Technologies for Novel and Commercially Available Payloads in Antibody-Drug Conjugation
- 16:40 Coffee Break and Poster Session

Tuesday, September 22nd, 2015

Session 5 - Chair: József Tóvári

- 09:00 Annette Beck-Sickinger Universität Leipzig, DE
Targeted Cancer Diagnosis and Therapy with Peptide Conjugates
- 09:40 Henning Mootz University of Münster, DE
Chemical Modification of (Therapeutic) Proteins Using Protein Trans-Splicing
- 10:20 Coffee Break and Discussion

Session 6 - Chair: Umberto Piarulli

- 10:40 Fred Valeriote Henry Ford Health System, US
Discovery of Anticancer Leads as Potential Drug Conjugates
- 11:20 Felix Kratz CytRx Corporation, DE
Albumin-based Drug Delivery Systems in Oncology: From Bench to Bedside
- 12:00 Marilena Manea University of Konstanz, DE
Drug Delivery Systems Containing GnRH-III Peptide as a Targeting Moiety
- 12:20 Carmen Lawatscheck Humboldt-Universität Berlin
Specific Solubilization of Anti-Alzheimer Disease Drugs by Tailored Peptide-PEG Conjugates
- 12:40 Lunch Break

Session 7 - Chair: Jan Anderl

- 14:00 Ulf Grawunder NBE Therapeutics, CH
SMAC-Technology – Generation of Site-Specifically Conjugated ADCs by Highly Efficient Enzymatic Conjugation
- 14:40 Pirjo Laakkonen University of Helsinki, FI
Peptide-Based Tumor Targeting



Programme

- 15:20 Coffee Break and Discussion
- 15:40 Andreas Kirschning University of Hannover, DE
Combining Hyperthermia with Chemotherapy with Drug-Nanoparticle Conjugates
- 16:20 Ines Neundorff University of Cologne, DE
Design and Application of Cell-Penetrating Peptides as Drug Delivery Vehicles
- 17:00 Mark Brönstrup HZI Braunschweig, DE
Drug Conjugates Targeting Bacteria
- 19:00 Conference Dinner at the Brauhaus

Wednesday, September 23rd, 2015

Session 8 - Chair: Gábor Mező

- 09:00 Jan Anderl Heidelberg Pharma, DE
Antibody-Drug Conjugates Based on RNA Polymerase II Inhibiting Payloads
- 09:40 Umberto Piarulli Università degli Studi dell'Insubria, IT
Synthesis and Biological Evaluation of Integrin and Dual Integrin-VEGFR Ligands for Tumor Targeting Therapy
- 10:20 Cesare Gennari Università degli Studi di Milano, IT
Tumor Targeting via Integrin Ligands: Synthesis and Biological Evaluation of RGD Peptidomimetic-Paclitaxel Conjugates
- 11:00 Coffee Break and Discussion

Session 9 - Chair: Norbert Sewald

- 11:20 Maxime Lampilas Sanofi, FR
Process Development of SPDB/DM4 Conjugates
- 12:00 Donald M. Engelman Yale University, US
pHLIP® Targeting and Delivery of PNA in vivo to Silence MicroRNA in Acidic Tumor Cells
- 12:40 Closing Remarks

Acknowledgements

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