

General information

Organizing Committee

Ulrich Dobrindt/Münster
Dag Harmsen/Münster
Jörn Kalinowski (Chair)/Bielefeld
Alexander Mellmann/Münster
Karsten Niehaus/Bielefeld
Alfred Pühler/Bielefeld
Alexander Sczyrba/Bielefeld
Werner Selbitschka/Bielefeld
Carsten Tiemann/Bad Salzufen
Jörg Vogel/Würzburg

Information

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Registration

For details regarding registration please see
<http://www.cebitec.uni-bielefeld.de/>

Location

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

Acknowledgement

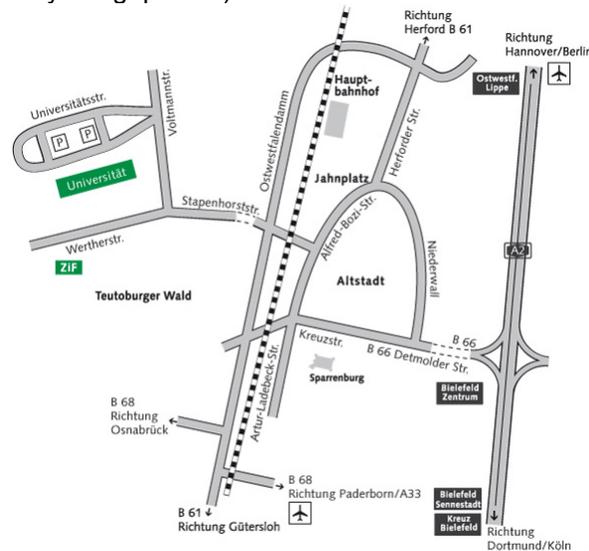
The 11th CeBiTec Symposium is jointly organized by
CeBiTec and GFT e.V.

General information

Arrival

By car, you can take the A 2 Dortmund - Hanover, 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 12,-) 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).



Universität Bielefeld  

11th CeBiTec Symposium July, 4 - 6
2016

Microbial Genomics and Metagenomics in Human Health and Disease

including
the de.NBI mini symposium
Bioinformatics for Metagenome Analysis

at the
Center for Interdisciplinary Research
of Bielefeld University

CONFIRMED SPEAKERS:

- Mark Achtman (Warwick/UK)
- Peer Bork (Heidelberg/DE)
- Carmen Buchrieser (Paris/FR)
- Ulrich Dobrindt (Münster/DE)
- Marc-Emmanuel Dumas (London/UK)
- Edward Feil (Bath/UK)
- Jörg Hacker (Halle, Saale/DE)
- Dirk Haller (München/DE)
- Dag Harmsen (Münster/DE)
- Jay C.D. Hinton (Liverpool/UK)
- Ruth Massey (Bath/UK)
- Harris Mavromatis (Thuwal/SA)
- Alexander Mellmann (Münster/DE)
- Björn Nielsen (Lyngby/DK)
- Ulrich Nübel (Braunschweig/DE)
- Jörg Overmann (Braunschweig/DE)
- Alexander Sczyrba (Bielefeld/DE)
- John W.A. Rossen (Groningen/NL)
- Jörg Vogel (Würzburg/DE)
- Georg Zeller (Heidelberg/DE)

<http://www.cebitec.uni-bielefeld.de>

Invitation

The Center for Biotechnology (CeBiTec) of Bielefeld University cordially invites you to attend the 11th CeBiTec Symposium entitled "**Microbial Genomics and Metagenomics in Human Health and Disease**". The conference will be held at the Center for Interdisciplinary Research (ZiF) of Bielefeld University from July 4th to 6th, 2016. The conference highlights the impact of the genomics revolution on medical microbiology. Major topics addressed are

- i) the genomics of major bacterial pathogens,
- ii) microbial population genetics and genomic nomenclature,
- iii) host-pathogen interactions as assessed by transcriptomics approaches,
- iv) the epidemiology and surveillance of pathogenic microorganisms,
- v) novel sequencing techniques as a tool in human medicine,
- vi) bioinformatics tools for analyzing metagenome sequences as well as,
- vii) human microbiomes in health and disease

The last day of the symposium is devoted to research topics performed in the framework of the de.NBI initiative (German Network for Bioinformatics Infrastructure). The mini symposium entitled "Bioinformatics for Metagenome Analysis" focusses on human microbiomes.

The conference program consists of plenary lectures, short oral presentations, poster presentations and two Distinguished Lectures. Furthermore, a Special Issue of the Journal of Biotechnology will be organized, which is open to all contributions presented at the 11th CeBiTec Symposium. I look forward very much to welcome you in Bielefeld!



Jörn Kalinowski (Chair of the Organizing Committee)

Programme

July 4th, 2016

- 11:00 Registration & Snacks
- 12.45 Welcome Address by *O. Kruse* and *J. Kalinowski*
- 13.00 Genomics of Major Bacterial Pathogens (Chairs: *Dobrindt, U./Harmsen, D.*)
- 14.30 Coffee break
- 15.00 Microbial Population Genetics and Genomic Nomenclature (Chairs: *Harmsen, D./Dobrindt, U.*)
- 16.30 Coffee break
- 17:00 Host-Pathogen Interactions Assessed by Transcriptomics Approaches (Chair: *Vogel, J.*)
- 18.30 Coffee break
- 19.00 Welcome Address by *M. Egelhaaf, Vice-Rector of Bielefeld University*
- 19.15 Distinguished Lecture I "Antibiotics and Antibiotics Resistances: Scientific and Social Implications" *Hacker, J., Leopoldina Halle (Saale)/DE*
- 20:15 Mixer/Poster Presentations

July 5th, 2016

- 09:00 Epidemiology and Surveillance of Pathogenic Microorganisms I (Chairs: *Tiemann, C./Mellmann, A.*)
- 10.30 Coffee break

Programme

- 11:00 Epidemiology and Surveillance of Pathogenic Microorganisms II (Chair: *Mellmann, A./Tiemann, C.*)
- 12.30 Lunch
- 13:30 Novel Sequencing Techniques as a Tool in Human Medicine (Chair: *Kalinowski, J.*) *Illumina – Roche – Oxford Nanopore*
- 15.00 Coffee break
- 15:30 Short Contributions of Young Scientists
- 17.00 Coffee break
- 17:30 Distinguished Lecture II "My Gut Microbes and Me: A Long-Term yet Fragile Relationship" *Bork, P. EMBL Heidelberg/DE*
- 19:00 Conference Dinner

July 6th, 2016

- de.NBI mini-symposium:
Bioinformatics for Metagenome Analysis
- 09:00 Bioinformatics Tools for Analyzing Metagenome Sequences (Chairs: *Sczyrba, A./Bork, P.*)
- 10.30 Coffee break
- 11:00 Human Microbiomes in Health and Disease (Chairs: *Bork, P./Sczyrba, A.*)
- 12.30 Closing Remarks
- 12.45 End of Conference