



April 23-24, 2018

**Leibniz Wirkstofftage/
Leibniz Conference on
Bioactive Compounds
2018**

Leibniz
**Bioactive Compounds
and Biotechnology**

*Leibniz Research Alliance
Bioactive Compounds and Biotechnology*



Reaching Halle: Via **A14, A9, A38, A143, B80, B91, B100** by car
Via **S3, S5, S5X, S7, S9, RE, IC, ICE** by train
(**S5, S5X, IC** the from airport)

Reaching the venue: Trams 4 or 5 (direction "Kröllwitz") to "Weinberg Campus" every 20 minutes the venue is a 3 minute walk away

Registration is free of charge

Participants are expected to meet their own accomodation and travel expenses.

Location:
Leibniz-Institut für Agrarentwicklung in Transformationsökonomien (IAMO)
Theodor-Lieser-Straße 2
06120 Halle (Saale)

Organization:
Dr. Stefanie Finsterbusch-Kettner
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Program of the Leibniz Conference on Bioactive Compounds 2018, April 23-24 in Halle (Salle)/Germany

Monday, April 23, 2018

12:00 **Registration and lunch**

12:30 **Welcome addresses**
Steffen Abel (managing director IPB)
Ludger Wessjohann (Speaker)
 Leibniz Institute of Plant Biochemistry

Session 1 **Chair: Dietmar Krautwurst**

12:45 **PLENARY TALK**
Timo Niedermeyer Martin Luther University Halle-Wittenberg
 Cyanobacteria in Natural Product Research

13:30 **Norbert Arnold** Leibniz Institute of Plant Biochemistry
 Fungal fruiting bodies – a valuable source for bioactive secondary metabolites

13:55 **Maik Behrens** Leibniz-Institute for Food Systems Biology at the Technical University of Munich
 The perfect bitter compound – Developing high-affinity agonists for the human bitter taste receptor TAS2R14

14:20 **Poster session**

14:20 **Coffee break**

Session 2 **Chair: Ludger Wessjohann**

15:00 **Erik Freier**
 Leibniz-Institut für Analytische Wissenschaften
 Online, at-line and offline detection for miniaturized production of bioactive compounds

15:30 **Vito Valiante**
 Leibniz Institute for Natural Product Research and Infection Biology
 Fluorescent based screening of heterologously-expressed biosynthetic pathways in eukaryotes

16:00 **Martin Dippe** Leibniz Institute of Plant Biochemistry
 Cascades of immobilized enzymes for regiospecific modification of phenols

16:30 **Thomas Vogt** Leibniz Institute of Plant Biochemistry
 Piperine Biosynthesis in black pepper (*Piper nigrum*)

17:00 **Coffee break**

Session 3 **Chair: Ronald Frank**

17:30 **AWARD CEREMONY**
Leibniz Drug of the Year and Leibniz Research Award

17:45 **Leibniz Drug of the Year 2018 - Balansins A and B**
Ludger Wessjohann et al.
 Leibniz Institute of Plant Biochemistry

18:00 **PLENARY TALK**
Leibniz Research Award 2018
Jay Keasling University of California, Berkeley

19:00 **Dinner**

Tuesday, April 24, 2018

Session 4 **Chair: Dirk Janesek**

09:00 **Andreas Brunschweiler** Technical University Dortmund
 Synthesis strategies to genetically tagged small molecule libraries

09:30 **Birgit Michels** Leibniz Institute for Neurobiology
 Memory enhancement by ferulic acid ester across species

10:00 **Martin Weissenborn** Leibniz Institute of Plant Biochemistry
 Developing novel enzyme activities for the application in microproduction units

10:30 **Coffee break**

Session 5 **Chair: Goran Kaluđerović**

11:00 **Anne-Kathrin Blume** Leibniz Institute of Plant Biochemistry
 Data Mining of Indonesian Plant – Natural Product Relations, a New General Resource for Drug Research

11:20 **Frank Broda** Leibniz Institute of Plant Biochemistry
 Leibniz Bioactives Cloud

11:40 **FLASHTALKS - Seed Money**

12:00 **Closing remarks**

12:05 **Lunch**

13:00 **Member Assembly**
Kurt-Mothes-Saal
 Leibniz Institute of Plant Biochemistry
 Weinberg 3, Halle

13:00 **Guided tour IPB (participants)**
 Leibniz Institute of Plant Biochemistry
 Weinberg 3, Halle

15:00 **Guided tour IPB (members of LRA BCT)**
 Leibniz Institute of Plant Biochemistry
 Weinberg 3, Halle