

Wirkstofftage 2014

Leibniz Research Alliance Bioactive Compounds and Biotechnology

28-29 April 2014

Charité CrossOver (CCO)
Chariteplatz 1, 10117 Berlin

Local organizers: Prof. Ronald Frank (FMP), Prof. Alf Hamann (DRFZ)
Congress office: Dr. Stefanie Finsterbusch-Kettner, Leibniz-Institute of Plant Biochemistry, Halle (Saale).
Phone: +49 (0) 345 5582 1370 Mail: wirkstoffe@ipb-halle.de

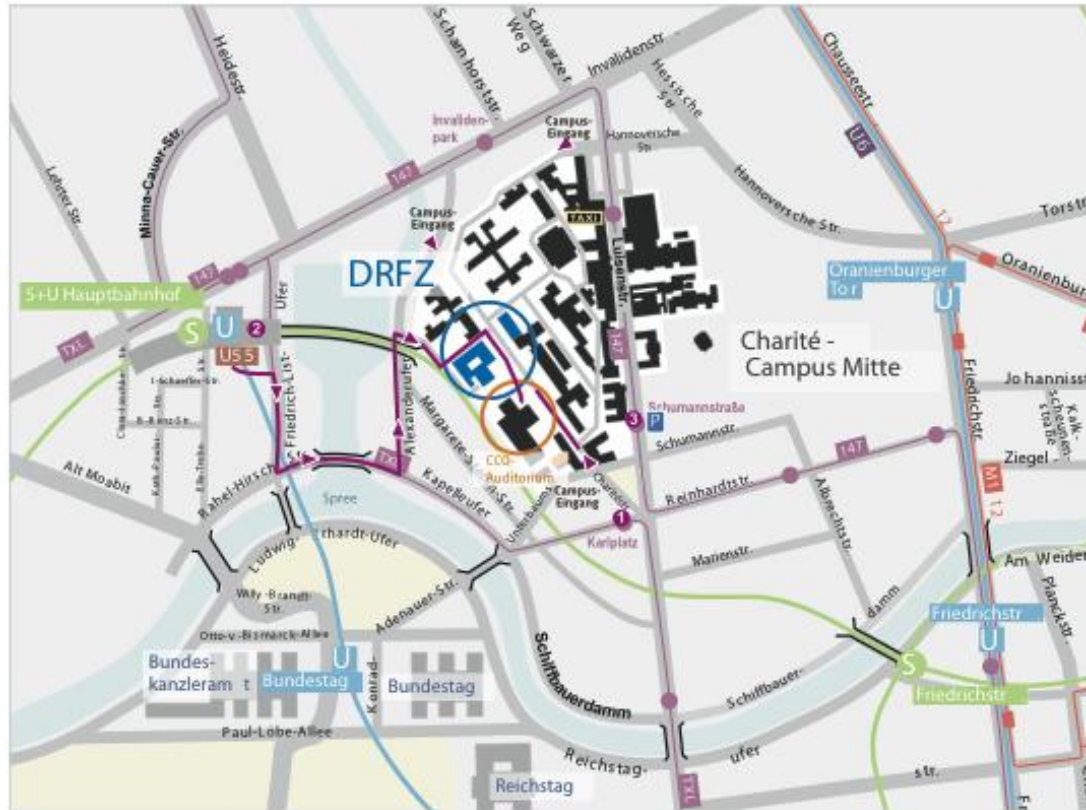
MONDAY 28. APRIL 2014	
12:00	Registration, some food
12:30	Welcome address by Prof. Karl Ulrich Mayer Introduction/overview by the chair of the alliance, Prof. Ludger Wessjohann
13:00	<i>Keynote Lecture</i> "Natural products - from genetic analysis to stereo-selective synthesis" Prof. Markus Kalesse, Institut für Organische Chemie, Leibniz Universität Hannover
Collections of organisms and natural products	
13:40	"Unlocking microbial resources for natural product research" Prof. Jörg Overmann, Leibniz Institute DSMZ – German Collections of Microorganisms and Cell Cultures, Braunschweig
14:05	"From planctomycetal ecology to novel bioactive compounds" Olga Jeske, Leibniz Institute DSMZ – German Collections of Microorganisms and Cell Cultures, Braunschweig
14:20	"The Social Amoeba and its Symbionts - a Source of Novel Small Molecules" Dr. Pierre Stallforth, Leibniz Institute for Natural Product Research and Infection Biology – Hans-Knöll-Institute, Jena
Bioactive agents – non-medical applications	
14:35	"Determinants for selective bitter taste receptor compound interactions" Dr. Maik Behrens, German Institute of Human Nutrition, Potsdam-Rehbrücke
14:50	"Different compounds, same receptor: structure-function insights from bitter taste perception" Dr. Alessandro Marchiori, German Institute of Human Nutrition, Potsdam-Rehbrücke
15:05	"Interaction of natural sweeteners with the human sweet taste receptor" Juliane Bojahr, German Institute of Human Nutrition, Potsdam-Rehbrücke
15:20	Coffee-Break

Bioactive agents – non-medical applications (cont'd); Pharmaceutical agents – infection and resistance	
15:50	"Chirality determines binding – structure-function relations of olfactory receptors specific for key food odorant enantiomers" Christiane Geithe, Deutsche Forschungsanstalt für Lebensmittelchemie – Leibniz-Institut, Freising
16:05	"Key aroma compounds are bioactives at chemosensory receptors" PD Dr. Dietmar Krautwurst, Deutsche Forschungsanstalt für Lebensmittelchemie – Leibniz-Institut, Freising
16:20	"Natural product biosynthesis in bacterial fungal interactions" Dr. Kirstin Scherlach, Leibniz Institute for Natural Product Research and Infection Biology – Hans-Knöll-Institute, Jena
16:35	"'Cognitive enhancement' in Drosophila: Associative function increased by Rhodiola rosea food supplementation?" Dr. Birgit Michels, Leibniz Institute for Neurobiology, Magdeburg
16:50	"Closthioamides: unprecedented polythioamide antibiotics from the anaerobic bacterium <i>Clostridium cellulolyticum</i> " Dr. Keishi Ishida, Leibniz Institute for Natural Product Research and Infection Biology – Hans-Knöll-Institute, Jena
17:05	"Hitting the caspofungin salvage pathway of human-pathogenic fungi with the novel natural product humidimycin" Dr. Vito Valiante, Leibniz Institute for Natural Product Research and Infection Biology – Hans-Knöll-Institute, Jena
17:20	"A novel small-molecular weight inhibitor to treat adenovirus infections" Dr. Elena Lam, Heinrich Pette Institut – Leibniz Institute for Experimental Virology, Hamburg
17:40	"TMPRSS2: Novel target for anti-influenza therapy" Prof. Pöhlmann, Deutsches Primatenzentrum, Göttingen
18:00	<i>Dinner</i>
19:00	Award Ceremony Leibniz-Preis "Wirkstoff des Jahres 2014"
19:10	Lecture of the Laureate
19:50	Activities of other initiatives: EU-OPENSREEN (Dr. Ronald Frank, Leibniz-Institut für Molekulare Pharmakologie, Berlin), European Lead Factory (Prof. Eckhard Ottow, Bayer Pharma AG)
20:30	<i>Wine and cheese</i>

Tuesday 29. April 2014	
9:00-9:40	<i>Keynote Lecture</i> "Ligand-targeted therapeutic and imaging agents for cancer, autoimmune and infectious diseases" Philip S. Low, Purdue Center for Drug Discovery, Department of Chemistry, Purdue University, West Lafayette, USA
Pharmaceutical agents - chronic inflammatory disease (Chair: Alf Hamann (DRFZ)); Society, security, toxicology	
9:40	"Microscope-based high-throughput screening identified novel compounds interfering with Notch trafficking/processing" Dr. Christoph Kaether, Leibniz Institute for Age Research – Fritz Lipmann Institute, Jena
10:00	"Screening for small molecules modulating the expression of the immunosuppressive cytokine IL-10 in B lymphocytes" Dr. Simon Fillatreau, German Rheumatism Research Centre, Berlin
10:20	"Small-molecule inhibitors of protein-protein interactions involving proline-rich motifs - application to Ena/VASP proteins" Dr. Ronald Kühne, Leibniz-Institut für Molekulare Pharmakologie, Berlin
10:40	"Bioactive Agents against Cancer and Other Diseases from Nature and Synthesis" Prof. Ludger Wessjohann, Leibniz Institute of Plant Biochemistry, Halle (Saale)
11:00	<i>Coffee-Break</i>
Sustainable production / biotechnology	
11:30	"Targeted elicitor application for tailoring formation of secondary plant metabolites" Prof. Susanne Baldermann, Leibniz-Instituts f. Gemüse- u. Zierpflanzenbau, Grossbeeren
11:50	"Bioprospecting using Synthetic Biology for Secondary Metabolites in Fungi" Derek J. Mattern, Leibniz Institute for Natural Product Research and Infection Biology – Hans-Knöll-Institute, Jena
12:10	"Taking Natural Product-Based Drug Discovery to the Next Level" Dr. Christoph Gibson, AnalytiCon Discovery GmbH, Potsdam
12:30	"Neue Wirkstoffe aus marinen Mikroorganismen - Strategien der Wirkstoffsuche im Kieler Wirkstoff-Zentrum" Prof. Johannes F. Imhoff, Kieler Wirkstoff-Zentrum KiWiZ, Kiel
12:50	"Bioactive Plant and Food Ingredients - how to discover new applications and current trends based on big data analyses (publications, patents, web, intramural data)" PD Dr. Lutz Weber, OntoChem GmbH, Halle (Saale)
13:10	<i>Lunch</i>
13:30-15:30	Leibniz Forschungsverbund Wirkstoffe, Member Assembly
15:30	<i>End of Meeting</i>

Guided tours through the German Rheumatism Research Centre DRFZ:
 Tuesday 13:30 and 15:30.

Site map



CHARITE CAMPUS

DRFZ: Virchowweg 12

CCO-Auditorium: Virchowweg 6

Anfahrt mit öffentlichem Nahverkehr

Von Flughafen Berlin-Tegel: (ca. 30 Min.)
Bus TXL bis „Karolplatz“ ①

Von Flughafen Berlin-Schönefeld: (ca. 30 Min.)
Zug RE7 oder RB14 bis „S+U Hauptbahnhof“ ②

Von Berlin Hauptbahnhof: (ca. 10 Min.)
Fußweg  oder Bus 147 (Richtung: „U-Bhf Märkisches Museum“) bis „Schumannstraße“ ③
oder Bus TXL (Richtung: „Alexanderplatz“) bis „Karolplatz“ ①

Weitere Infos zu Verbindungen unter www.bvg.de

Approach with local traffic

From Airport Berlin-Tegel: (approx. 30 min.)
Bus TXL to „Karolplatz“ ①

From Airport Berlin-Schönefeld: (approx. 30 min.)
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Footway  or Bus 147 (direction: „U-Bhf Märkisches Museum“) to „Schumannstraße“ ③
or Bus TXL (direction: „Alexanderplatz“) to „Karolplatz“ ①

More information about connections at www.bvg.de