

Tuesday, 22 October 2024

Raum: Frankonia-Saal	
09:30	Opening
09:35	KEYNOTE TALK Muriel Gondry
10:20	Biosynthesis of unique amino acid moieties in natural products Fumitaka Kudo
10:45	Biosynthesis of the Bacterial Antibiotic 3,7-Dihydroxytropolone through Enzymatic Salvaging of Catabolic Shunt Products Robin Teufel
11:10	Coffee Break
11:40	Molecular basis for the diversification of lincosamide biosynthesis by pyridoxal phosphate-dependent enzymes Takahiro Mori
12:05	Exploiting the subcluster potential of antibiotic-producing streptomycetes Yvonne Mast
12:30	Unveiling the iterative assembly of hybrid specialized lipid antibiotics Joleen Masschelein
12:55	Lunch Break
13:55	Controlling the chemoselectivity and extending the substrate range of SAM-dependent methyltransferases from plants Jennifer Andexer
14:20	Elucidating complex and unusual biosynthetic pathways in plants Jakob Franke
14:45	Genetic engineering of the broad-host range plant pathogen <i>Agrobacterium</i> enables production of the industrially useful polymer curdlan from plant waste Matthew McIntosh
15:10	From Lupins to High-Value Alkaloids: A Bio-Economic Journey Philipp Sowa
15:35	Coffee Break
16:05	Novel Peptide Epimerases Involved in the Biosynthesis of Ribosomally Synthesized and Posttranslationally Modified Peptides Yasushi Ogasawara
16:30	Genome Mining and Biosynthetic Engineering of Nonribosomal Lipopeptides from Burkholderiales Xiaoying Bian
16:55	Illuminating the radical mechanism of RiPP maturation by a peptide splicease Anna Vagstad
17:20	KEYNOTE TALK Emily Balskus
18:05	Poster Party

Wednesday, 23 October 2024

Raum: Frankonia-Saal	
08:30	KEYNOTE TALK Helge Bode
09:15	Resistance and target proteins of the aminopolyol peptide antibiotic paenilamicin Tam Dang
09:40	Natural Products as CRISPR/Cas Modulators Xinlai Chen
10:05	Coffee Break
10:35	Deciphering and engineering the biosynthesis of chromodepsins, potent G protein inhibitors from nature Max Crüsemann
11:00	Complete biosynthesis of QS-21 in engineered yeast Yuzhong Liu
11:25	CluSeek: Bioinformatics Tool to Search for New Gene Clusters within GenBank Zdenek Kamenik
11:50	Lunch Break
12:50	Nature-inspired strategy expedites natural product discovery from bacteria Chengzhang Fu
13:15	Elucidation of transcriptional regulatory networks in secondary metabolite-producing bacteria Hiroshi Otani
13:40	Chemical Metabolomics – Combining Metabolomics and Chemical Biology Tools for the Discovery of Bioactive Microbiome Metabolites Daniel Globisch
14:05	Linking genomic and metabolic diversity of the myxobacterium <i>Sorangium</i> spp. Judith Boldt
14:30	Coffee Break
15:00	Natural Products From Interacting Microorganisms and Ancient Microbiomes Pierre Stallforth
15:25	Microbial Symbionts As Promising Source of Novel Chemistry Christine Beemelmans
15:50	Structural diversity and functions of cytochalasans in fungal-bacteria-termite interactions Marie Dayras
16:15	KEYNOTE TALK Pieter Dorrestein
18:30	Conference Dinner at Bürgerspital Weinstuben

Thursday, 24 October 2024

Raum: Frankonia-Saal	
08:30	KEYNOTE TALK Elke Dittmann
9:15	Exploring a new pathway of exogenous fatty acid incorporation in cyanobacteria Amaranta Kahn
09:40	Exploring the potential chemical interaction of a cyanobacterial natural product, Nocuolin A, with protozoa Ana Vieira
10:05	Discovery of cyclic depsipeptides from cyanobacteria Sandra Figueiredo
10:30	Coffee Break
11:00	Novel glycosylated terpenoids from <i>Micromonospora</i> sp. isolated from <i>Leontopodium nivale</i> subsp. <i>alpinum</i> rhizosphere discovered via genome mining Jaime Felipe Guerrero Garzón
11:25	Terpenoids from the cultivated mushroom <i>Cyclocybe aegerita</i> Frank Surup
11:50	An ancestral plant hormone Δ^4-dn-iso-OPDA in <i>Marchantia polymorpha</i> Minoru Ueda
12:15	Lunch Break
13:15	Total Synthesis of Sulfonolipids – Vital Molecules for Maritime Spp. Sebastian Götz
13:40	Phytoceramides – Scaffold Diversification and Applications as Adjuvants Bernhard Westermann
14:05	The Unique Chemistry of Springtails Stefan Schulz
14:30	Coffee Break
15:00	Bivariate OSMAC screening leads to potentially novel antibiotic metabolite from <i>Streptomyces griseochromogenes</i> Anton Lindig
15:25	Finding new Tuberculosis medicines using a culturomics platform with integrated screening Jens Glaeser
15:50	KEYNOTE TALK Bo Li
16:35	Closing

EXHIBITORS

