

Wednesday, April 9, 2025	
12:00	<b>Registration</b>
12:30	<b>Welcome addresses</b> <b>Nicole van Dam</b> Scientific Director, Leibniz-Institut für Gemüse- und Zierpflanzenbau IGZ, Großbeeren
<b>Session 1</b>	<b>Bioactive phytochemicals: from ecological interactions to human consumption</b> <b>Chair: Franziska Hanschen (IGZ)</b>
13:00	<b>PLENARY TALK</b> <b>Niels Agerbirk</b> <i>Glucosinolate structures in evolution</i> University of Dänemark, Copenhagen
13:45	<b>Maik Behrens</b> <i>On the intricacies of individual bitter taste perception</i> Leibniz Institute for Food Systems Biology at the Technical University of Munich, Freising
14:05	<b>Vanda Púčiková</b> <i>Utilizing Brassica oleracea biodiversity to elucidate the regulation of the formation of health-promoting metabolites from glucosinolates and S-methyl-L-cysteine sulfoxide</i> Leibniz Institute of Vegetable and Ornamental Crops (IGZ), Großbeeren
14:25	<b>Franziska Beran</b> <i>How flea beetles use plant glucosinolates for defense</i> Leibniz Institute of Vegetable and Ornamental Crops (IGZ), Großbeeren
14:45	<b>Poster session &amp; Coffee break</b>
<b>Session 2</b>	<b>Young researchers' session</b> <b>Chair: Pierre Stallforth (HKI)</b>
16:15	<b>Kudzai G. Mbulu</b> <i>Functional characterization of nitrile-specifier proteins which promote nitrile formation at the expense of bioactive isothiocyanates in red cabbage and kohlrabi</i> Leibniz Institute of Vegetable and Ornamental Crops (IGZ), Großbeeren
16:35	<b>Nabanita Hazra</b> <i>Bio-based microgels as containers for plant protection</i> Leibniz-Institute for Interactive Materials (DWI), Aachen
16:55	<b>Valeriya Denisova</b> <i>Ulva biomass production in an innovative brine-based cultivation system: choice of cultivar and nutritional profile</i> Leibniz Institute of Vegetable and Ornamental Crops (IGZ), Großbeeren
<b>Session 3</b>	<b>Award Ceremony, Chair: Ludger Wessjohann (IPB)</b>
17:00	<b>Leibniz Drug of the Year 2025</b> <i>Discovery of a highly selective molecule acting against resistant (triple-negative) breast cancer, and characterization of its auto-activating prodrug mode of action"</i> Leibniz Institute of Plant Biochemistry (IPB), Halle (Saale)
18:00	<b>Dinner</b>

Thursday, April 10, 2025

<b>Session 4</b>	<b>BIOACTIVE COMPOUNDS</b> <b>Chair: Robert Rennert (IPB)</b>
09:00	<b>Research Award 2025</b> <i>New cytokinin biostimulants for agriculture and horticulture</i> <b>Miroslav Strnad</b> Laboratory of Growth Regulators, Institute of Experimental Botany, Czech Academy of Sciences and the Faculty of Science, Palacký University
09:30	<b>Charlotte Wit</b> <i>Advancing drug discovery: EU-OPENSREEN's resources for bioactive compound screening</i> EU-OPENSREEN
09:50	<b>Jasmine Tauchelt</b> <i>Antimicrobial potential of Pimpinella saxifraga seeds for controlling Rhizoctonia</i> Leibniz Institute of Vegetable and Ornamental Crops (IGZ), Großbeeren
10:10	<b>Roman Makitrynskyy</b> <i>Activation of secondary metabolite biosynthetic gene clusters in Streptomyces spp. using SARP regulators</i> Leibniz Institute DSMZ – German Collection of Microorganisms and Cell Cultures GmbH, Braunschweig
10:30	<b>Sven Heiles</b> <i>Revealing bioactive compounds in tissues with mass spectrometry imaging</i> Leibniz-Institut für Analytische Wissenschaften - ISAS - e.V, Dortmund and University of Duisburg-Essen, Essen
10:50	<b>Coffee break</b>
<b>Session 4</b> <b>11:30</b>	<b>Award Ceremony: Young Researcher's talk and Poster Prize 2025</b> <b>Chair: Ludger A. Wessjohann (IPB)</b>
12:00	<b>Closing remarks</b>
12:10	<b>Lunch</b>
13:15	<b>Member Assembly</b> <b>conference room</b> IGZ Theodor-Echtermeyer-Weg 1, 14979 Großbeeren
13:15	<b>Guided tour IGZ (participants)</b> Theodor-Echtermeyer-Weg 1, 14979 Großbeeren
16:00	<b>Guided tour IGZ (LRN assembly members)</b> Theodor-Echtermeyer-Weg 1, 14979 Großbeeren