

4th BioSC Spotlight

„Smart management of plant performance: New strategies for crop protection”

Agenda

October 29, 2018 Otto Bayer Saal RWTH Aachen Worringerweg 1-2, 52074 Aachen		
10:30	Welcome and Introduction	Prof. Dr. Ulrich Schwaneberg <i>Institute of Biotechnology, RWTH Aachen / BioSC</i>
I.	Plant Health Session I <i>Session chair: Dr. Caspar Langenbach, RWTH Aachen / BioSC</i>	
10:45	The new paradigm in plant biotechnology: Healthy crop through gene silencing and genome editing?	Prof. Dr. Karl-Heinz Kogel <i>Institute of Phytopathology, University of Gießen</i>
11:15	C ₄ plant selective herbicides: A new approach to combat C ₄ weeds in arable crops	Prof. Dr. Georg Groth <i>Institute of Biochemical Plant Physiology, Heinrich Heine University Düsseldorf / BioSC</i>
11:45	Smart agriculture: Strategies to improve agricultural productivity and resilience to climate change, and to reduce pesticide and nutrient applications	Prof. Dr. Stefan Schillberg <i>Fraunhofer Institute for Applied and Molecular Ecology, Aachen</i>
12:15	Lunch Break	
13:15	Plant defense priming in lab and field	Prof. Dr. Uwe Conrath <i>Institute of Plant Physiology, RWTH Aachen / BioSC</i>
II.	Plant Health Session II <i>Session chair: Dr. Felix Jakob, RWTH Aachen / BioSC</i>	
13:45	Innovations and developments towards a more sustainable use of fertilizers	Dr. Mauricio Hunsche <i>COMPO EXPERT GmbH, Krefeld</i>
14:15	Formulations for novel biological pest control strategies	Prof. Dr. Anant Patel <i>FH Bielefeld University of Applied Sciences</i>
14:45	Coffee Break	
15:15	<i>greenRelease</i> for plant health	Dr. Felix Jakob <i>Institute of Biotechnology, RWTH Aachen / BioSC</i>
15:45	Environmental analysis of an emerging technology – the case of <i>greenRelease</i>	Dr. Michael Wustmans <i>Institute of Food and Resource Economics, University of Bonn / BioSC</i>
16:15	Closing remarks	Prof. Dr. Uwe Conrath <i>Institute of Plant Physiology, RWTH Aachen / BioSC</i>
Get-together with snacks and drinks		