



Final Program

Symposium

**Modern Agriculture without chemical
Pesticides?**

**together with the General Meeting of the
German Society of Plant Biotechnology**

03.-04. September 2018

AlPlanta - Institute for Plant Research
Breitenweg 71
67435 Neustadt/Mußbach

Final Program :

Monday, September 3rd, 2018

12:00 Registration and Poster Hanging

13:00 : Start of the Symposium

Talks of invited Speaker

- 13:15-14:00** **K. Jany** Wadi-International-University, Syria
Glyphosate – the devil stuff, but what comes next?
- 14:00-14:45** **N.N. (Adama)**
Strategies and Products for biological Plant Protection
- 14:45-15:30** **S. Jacob** Institut für Biotechnologie und Wirkstoff-
Forschung (IBWF), Kaiserslautern
*Signaling networks in fungal pathogens - osmoregulation
as fungicide target*
- 15:30 – 16:00 Coffee break and Poster Viewing
- 16:00-16:45** **E. Secic** Institute of Phytopathology, Justus-Liebig
University Giessen
*Searching for cross-kingdom communication in
plant-microbe interactions and implications for agriculture*
- 16:45 – 17:30** **M. Wassenegger** RLP AgroScience GmbH, AIPlana –
Institute for Plant Research, Neustadt an der Weinstrasse
*RNA interference and Delivery of exogenous RNA
molecules*
- 17:30 – 18:15** **H. Puchta** Botanical Institute, Karlsruhe Institute
of Technology, Karlsruhe
*CRISPR/Cas: A revolution for plant breeding and
biotechnology*
- 18:15 – 19:00** **M. Trapp** RLP AgroScience GmbH, Institute for
AgrarEcology, Neustadt and der Weinstrasse
*Concepts of smart farming to optimise and substitute the
application of pesticides*

19:30 : Joint Symposium Dinner in the Lounge of the Panorama Hotel Neustadt

Tuesday, September 4th 2018 :

8:30 : Continuation of the symposium

Participant´s contributions

- 08:30 - 09:00 **J. Thielmann** Justus-Liebig University Giessen
Illustration of phytohormone production of andophytic fungus "Piriformospora indica" using fluorescent reporter barley (Hordeum vulgare) lines for auxin and cytokinin signalling
- 09:00 - 09:30 **K. M. Pathi** Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben
Establishment of anthracnose disease resistance of maize by RNA interference and site-directed mutagenesis
- 09:30 - 10:00 **A. Dietz-Pfeilstetter** Federal Research Centre for Cultivated Plants, Braunschweig
Regulation and biosafety assessment of RNAi based pesticidal approaches
- 10:30 - 11:00 **M. Galli**, Justus-Liebig University Giessen
Employing the CRISPR/Cas9 system for improvement of plant defence against pathogens
- 11:00 - 11:30 Coffee Break and Poster Viewing
- 11:30 - 12:00 **O. Trapp** Federal Research Centre for Cultivated Plants, Siebeldingen
Application of CRISPR/Cas in Grapevine – Potentials and Problems
- 12:00 - 12:30 **J. Weyen**, ScreenSYS GmbH, Freiburg
New plant cell phenotyping technologies to explore new breeding strategies
- 12:30 End of the symposium and lunch break
- 13:30 : **Annual general meeting of the Society of Plant Biotechnology**
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Poster

Ch. Hertig Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben
Improving the yield potential of temperate cereals by modification of spike architecture

S. Chamas Leibniz Institute of Plant Genetics and Crop Plant Research, Gatersleben
Chromosome elimination in tobacco mediated by modified centromere-specific histone 3

Organizational Affairs

The symposium and the annual general meeting of the Society of Plant Biotechnology will take place in the seminar room in the ground floor of the AIPlanta Building, Breitenweg 71, 67435 Neustadt. Please pay the **registration fee** of 10.- € upon arrival in cash at the registration desk.

Those who plan to stay overnight may book a room at the **Panorama Hotel**, Mußbacher Landstraße 2, 67433 Neustadt a.d. Weinstraße, Telefon 06321 / 39 92 0, E-Mail: info@pr-hotel.de at a reduced rate of 61.- € per night inclusive breakfast. Please indicate " Reservation-No. 146343 and AgroScience" upon booking

You may have **lunch** in the canteen on the campus but you have to book for the lunch(es) before the symposium, not later than 31.08.2018. The menu will be announced by separate Email on 27.08.2017. Please reply to the Email for booking the lunch.

The **Symposium dinner** will take place 03.09.18 in the lounge of the Panorama hotel. A buffet will be offered at a price of 19.- € per person. Please register for the dinner by sending an email to gabi.krczal@agrosience.rlp.de not later than 17.08.2018.

