

Conference Fee and Venue

Conference fee: 100 Euro

The conference fee includes complementary coffee, tea or beverages and a joint dinner. For further payment modalities please refer to symposium website.

**Registration at the symposium website is
15 July to 30 November 2017.**

The conference language will be English.

Programme information:

Further details will be given at the symposium website.

Contact :

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The symposium bureau will be open at

**12 December 2017 from 16:30 — 18:30
and at
13 December 2017 from 8:00 — 9:00**

The symposium »Plant Protection and Plant Health in Europe« is organised jointly by the *German Society for Plant Protection and Plant Health* (DPG, www.phytomedizin.org), the *Julius Kühn-Institut* (JKI, www.julius-kuehn.de) and the *Albrecht Daniel Thaer-Institut für Agrar- und Gartenbauwissenschaft* (www.hu-berlin.de).

It will be held at the Julius Kühn-Institut, Messeweg 11-12, 38104 Braunschweig.

Accommodation: Braunschweig offers a large number of hotels. Please visit the Symposium website.

Symposium Committee

Falko Feldmann & Johannes Hallmann

German Phytomedical Society (DPG) & Julius Kühn-Institut (JKI) Braunschweig, DE

Georg F. Backhaus, Johannes Jehle & Stefan Kühne

Julius Kühn-Institut (JKI), Quedlinburg, DE

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Humboldt University (HU), Berlin, DE

Jozef Kotleba

Slovenská Rastlinolekárska Spoločnosť (SRS), Nitra, Sk

Vladimír Řehák & Petr Harašta

Česka Společnost Rostlinolekárska (CSR), Prague, CZ

Ewa Matyjaszczyk

Institute of Plant Protection - National Research Institute (IPP-NRI), Poznań, PL

Günter Neumann & Markus Weinmann

University of Hohenheim (UH), Hohenheim, DE

Manfred Raupp

Biofactor Project, Madora, Lörrach, DE

Alexandra Makulla

Federal Ministry of Food and Agriculture (BMEL), Berlin, DE

Sabine Andert

University of Rostock (UR), DE

Poster Contributions

Please submit your proposal via our symposium website until
30.11.2017

www.ppphe.phytomedizin.org

Plant Protection and Plant Health in Europe



**Efficacy and risks of „biorationals“ in
organic and integrated
pest management - acceptable?**

**8th International Symposium
jointly organised by DPG, JKI and HU-Berlin**

**13 – 14 December 2017
Braunschweig, Germany**

**Julius Kühn-Institute
Messeweg 11-12
38104 Braunschweig**

**Preliminary Program
www.ppphe.phytomedizin.org**



The Symposium Topic

Integrated Pest Management (IPM) and Plant Protection in Organic Agriculture (PPOA), should be science - based decision-making processes that identify and reduce risks from pests and pest management related strategies. They coordinate the consideration of pest biological factors, environmental conditions, and all available instruments to prevent unacceptable levels of pest damage, while concurrently combining economical means with the least possible risk to people, property, resources, and the environment.

We use the widely known term “biorationals“, as an operative expression to speak about certain kinds of components of plant protection strategies, which are assumed to have advantages concerning risk characteristics on the one hand while at the same time provide acceptable efficacy in reducing pest impact. Nevertheless it is not our intention to propose a new legal category!

The products we want to speak about are often materials that are biologically-derived or, if synthetic, structurally similar and functionally identical to a biologically occurring material. Micro-organism, plant extracts, basic substances, semiochemicals, as well as non-pesticidal products like biostimulants, biological yield enhancers, plant health promoters, and soil conditioners are a matter of discussion.

Such “biorationals” do not reveal sufficient efficacy against pests alone but are useful to be integrated in plant protection strategies.

In addition, the risk-evaluation requirements under national and European regulatory frameworks of these diverse “biorationals” are very different from each other or there is even a lack of regulatory infrastructure to ensure that “biorationals” get a targeted risk assessment and approval procedure.

13.12.2017

- 09:30 Words of Welcome and Introduction**
Prof. Dr. Georg Backhaus, President Julius Kühn-Institute; Dr. Alexandra Makulla, Bundesministerium f. Ernährung und Landwirtschaft; Dr. Falko Feldmann, Deutsche Phyto-medizinische Gesellschaft e.V.
- 09:45 What are we speaking about?**
Chair: Falko Feldmann (JKI, DE)
Workshop with a introductory statement of Markus Weinmann, University of Hohenheim
- Session 1: „Biorationals“ in agricultural practice I**
Chair: Christina Donat (bio-ferm, AT)
- 10:30 A rational for Bio-Products in organic plant health Systems**
Friedhelm von Mering, Peter Röhrig & Jutta Kienzle (BÖLW, DE)
- 11:00 „Biorationals“ in IPM strategies**
Ewa Matyjaszczyk (IPP-NRI, PL)
- 11:30 Assessment methods for biostimulants**
Günter Neumann (Uni Hohenheim, DE)
- 12:00 Do we need new application equipment for applying biorationals?**
Petr Harasta (CSR, CZ)
- 12:30 Lunchbreak**
- Session 2: „Biorationals“ in agricultural practice II**
Chair: Ewa Matyjaszczyk (IPP-NRI, PL)
- 14:00 Micro-organisms between plant protection and biostimulation**
Jörg Geistlinger (HS Anhalt-Bernburg, DE)
- 14:30 Biorational use in Brazilian agriculture**
Jose Pereira da Silva Jr. (EMBRAPA, BR)
- 15:00 Biorational use in Hungarian agriculture**
Borbala Biro (Szent István University, HU)
- 15:30 Break**
- Session 3: Biosafety of „Biorationals“**
Chair: Alexandra Makulla (BMEL, DE)
- 16:00 Identity of microbial "biorationals"**
Kornelia Smalla (JKI, DE)

Preliminary Programme

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- 16:30 Quality control of biostimulant inoculum**
Carolin Schneider (INOQ, DE)
- 17:00 The underestimation of fungal toxicity**
Holger Deising (University of Halle, DE)
- 17:30 Discussion & Posterpresentation:**
- 18:30 Working dinner in JKI**

Session 4: Regulatory framework of „Biorationals“
Chair: Ewald Sieverding (RHIZO-MIC, DE)

- 08:30 Registration of „Biorationals“ in practice**
Geraldine Meunier (Bayer CropScience, DE)
- 09:00 Double standards to be applied for "Biorationals"**
Christina Donat (bio-ferm, AT)
- 09:30 Regulatory differentiation between Plant Protection and Biostimulation**
Alexandra Makulla, (BMEL, DE)
- 10:00 Discussion of the regulatory framework**
- 10:30 Break**

Session 5: Promotion of „Biorationals“ use
Chair: von Mering (BÖLW, DE)

- 11:00 The Diversity of „Biorationals“ - learning from Biocontrol Agents**
Johannes Jehle (JKI, DE)
- 11:30 The BIOFECTOR PROJECT database**
Rolf Mäder (FiBL, DE)
- 12:00 Discussion & Conclusion**
- 12:30 Farewell**
- 13:30 Complementary Workshop: Commentation of current public documents related to symposium topic**
(For additional information please refer to symposium website)
Chair: Falko Feldmann (JKI, DE)

14.12.2017