

## Conference Fee and Venue

**Conference fee:** please refer to symposium website

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 :**

**Carstensen@phytomedizin.org**

**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](http://www.phytomedizin.org)), the *Julius Kühn-Institut* (JKI, [www.julius-kuehn.de](http://www.julius-kuehn.de)) and the *Albrecht Daniel Thaer-Institut für Agrar- und Gartenbauwissenschaft* ([www.hu-berlin.de](http://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*

**Carmen Büttner**

*Humboldt University (HU), Berlin, DE*

**Jozef Kotleba**

*Slovenská Rastlinolekárska Spolocnost (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), Bonn, DE*

**Sabine Andert**

*University of Rostock (UR), DE*

## 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](http://www.ppphe.phytomedizin.org)**

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### Poster Contributions

Please submit your proposal via our  
symposium website until  
**30.11.2017**

**[www.ppphe.phytomedizin.org](http://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. Microorganism, 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.

## Preliminary Programme

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 Phytomedizinische 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 (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)

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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**

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- 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)