

## Conference Fee and Venue

**Conference fee:**  
**100 Euro (regular, early bird)**

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 :**

**Falko.Feldmann@julius-kuehn.de**

**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 & Stefan Kühne**

*Julius Kühn-Institut (JKI), Quedlinburg, DE*

### **Carmen Büttner**

*Humboldt University (HU), Berlin, DE*

### **Jozef Kotleba**

*Slovenská Rastlinolekárska Spolocnost (SRS), Nitra, Sk*

### **Vladimir Rehák & Petr Harašta**

*Ceska Spolecnost Rostlinolekarska (CSR), Prague, CZ*

### **Ewa Matyjaszyk**

*Institute of Plant Protection (NRI), Poznan, PL*

### **Günter Neumann & Markus Weinmann**

*University of Hohenheim (UH), Hohenheim, DE*

### **Manfred Raupp**

*Biofactor Project, Madora, Lörrach, DE*

### **Alexandra Makulla**

*Federal Office of Consumer Protection and Food Safety (BVL), Braunschweig, 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**

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

### **Oral and Poster Contributions**

Please submit your proposal via our  
symposium website until  
**30.09.2017**

**[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. 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.



13.12.2017

### Preliminary Programme

**09:00 Words of Welcome**  
Dr. G.F. Backhaus, President of JKI

#### Section 1: Definitions

**09:30 What are we speaking about?**

**Introduction and Discussion**  
Falko Feldmann (JKI, DE)

10:30 Break

**11:00 A rationale for Bio-Products in organic plant health systems**  
Friedhelm von Mering, Peter Röhrig & Jutta Kienzle (BÖLW)

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.

On this background, the symposium wants to work out

- a critical perspective on the risk and efficacy evaluation of „biorationals“
- an overview of agricultural and socio-economic experiences with „acceptable“ instead of „sufficient“ efficacy in pest management strategies
- impediments to introduce „biorationals“ under the existing Sustainable Use Directive 2009/128
- a conclusive statement to promote „biorationals“ for use in agriculture

## Preliminary Programme

13.12.2017

**11:45 „Biorationals“ in IPM strategies**  
Ewa Matyjaszczyk (NRI, PL)

12:30 Break

### Section 2: „Biorationals“ in agricultural practice

**13:15 Biorational use in Brazilian agriculture**  
Jose Pereira da Silva Jr. (EMBRAPA, BR)

14:00 4 oral contributions (15 min each)

15:00 Break

### Section 3: Risk and Efficacy Evaluation of „Biorationals“

**15:30 The underestimation of fungal toxicity**  
Holger Deising (University of Halle)

16:15 3 Oral contributions (15 min each)

**17:30 Poster presentation**

18:30 Joint dinner

14.12.2017

### Section 4: Regulatory framework of „Biorationals“

**9:00 Registration of „Biorationals“ in practice**  
Geraldine Meunier (Bayer CropScience)

9:30 2 Oral contributions (15 min each)

**10:00 Acceptable vs. Sufficient Efficacy**  
Petr Harasta (CSR) & Jozef Kotleba (SRS)

10:30 2 Oral contributions (15 min each)

11:00 Break

**11:30 Promotion of „Biorationals“**  
Discussion

13:30 End of symposium