

## Conference Fee and Venue

There are no conference fees - the participation is free.

We will charge 15 Euro for complementary coffee, tea or beverages (obligatory) and 20 Euro for joint dinner (optional),

**Registration at the symposium website is possible between 15 February and 30 April 2014.**

**The conference language will be English.**

### Programme information:

Further details will be given at the symposium website.

**Contact for any question:**

**Falko.Feldmann@jki.bund.de**

**The symposium bureau will be open at**

**13 May 2014 from 11:30 — 13:30  
and at**

**14 May 2014 from 8:00 — 9:00**

The symposium »Plant Protection and Plant Health in Europe« is organised jointly by the *German Phytomedical Society* (DPG, [www.phytomedizin.org](http://www.phytomedizin.org)), the *Julius Kühn-Institut* (JKI, [www.jki.bund.de](http://www.jki.bund.de)) and the Division Phytomedicine of the Faculty of Agriculture and Horticulture of the Humboldt University of Berlin ([www.hu-berlin.de](http://www.hu-berlin.de)).

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

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

## Symposium Committee

### Klaus Stenzel

*German Phytomedical Society (DPG)*

### Georg F. Backhaus

*Julius Kühn-Institut (JKI), Quedlinburg*

### Falko Feldmann

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

### Josef Herrmann

*Bavarian State Institute for Viticulture and Horticulture & DPG Working Group Microbial Symbioses*

### Carmen Büttner & Christian Ulrichs

*Humboldt University (HU), Berlin*

The symposium is designed as a meeting of all relevant stakeholders (research, industry, consultation, regulation).

Key note speakers will introduce to the topics.

Please register until

**30 April 2014**

The organisers wish to favour intensive discussions on the subject. Therefore the number of participants will be restricted.

Poster presentations are possible. Please submit the title of your contribution via email to:

[lisa-marie.beyer@phytomedizin.org](mailto:lisa-marie.beyer@phytomedizin.org)

The symposium is kindly recognized and promoted by



## Plant Protection and Plant Health in Europe



## Micro-organisms as agents between fertilization and plant protection

6th International Symposium  
jointly organised by DPG, JKI and HU-Berlin

**13 – 14 May 2014 Braunschweig, Germany**

Julius Kühn-Institute  
Messeweg 11-12  
38104 Braunschweig

### Invitation

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



## The Symposium Topic

Micro-organisms are widely used as agents in plant production to guarantee the growth of healthy plants by direct or indirect interactions with harmful organisms and by avoiding malnutrition.

'Micro-organism' means any microbiological entity, including lower fungi and viruses, cellular or non-cellular, capable of replication or of transferring genetic material (Reg. EU 1107/2009).

There are several theoretical modes of microorganism action related to optimal plant growth:

- a) direct hyperparasitism of harmful target organisms
- b) induced resistance in host plants against harmful target organisms
- c) production of own secondary substances toxic to attacking pathogens
- d) competition with target organisms on resources
- e) influence on secondary substances of plants later used as extracts against target organisms
- f) influence to fertilization status of host plants of target organisms .

It is the mode of action and the intention of use which decides about the classification of the micro-organisms, the related registration requirements and processes in European member states.

Some of the arguments cited above are clearly covered by the definition of plant protection products (PPP). Other actions may be better described by fertilizer effects. While plant protection products undergo an intensive assessment of risks and benefits, fertilization effects often do not require registration of those micro-organisms.

The intention of this symposium is to summarize roughly the most important aspects which are recently relevant for the classification and potential registration of micro-organisms if they are intended to be used as plant protection and fertilizer agents.

Tuesday  
2014-05-13

13:30 Words of Welcome

*Josef Herrmann — Chair of DPG WG „Microbial Symbioses“, LWG, Veitshöchheim, DE*

*Carmen Büttner— Director WG Phytomedicine, LGF , HU, Berlin, DE*

*Falko Feldmann — Coordinator Regulation Affairs, JKI , Braunschweig, DE*

14:00 Micro-organisms as plant fertilizer agents

*Eckhard George, IGZ, Großbeeren, DE*

14:30 Micro-organisms as plant protection agents

*Peter Lüth, Bayer CropScience Biologics GmbH, Malchow, DE*

15:00 Marketing aspects of bio-effectors

*Manfred Raupp, Madora GmbH, Lörrach , DE*

15:30 Classification of endophytes

*Philipp Rödel, INOQ GmbH, Solkau, DE*

16:00 Break

16:30 Placing on the market of micro-organisms - an overview for Germany

*Alexandra Makulla, BVL, Braunschweig, DE*

17:00 Market placement of micro-organisms in Poland

*Ewa Matyjaszczyk, Plant Protection Institute, Poznan, PL*

17:30 Placing of micro-organisms on the market in the Czech Republic

*Miroslav Florian, . Central Institute for Supervising and Testing, Brno, CZ*

18:30 Optional: Joined Dinner

## Preliminary Programme

Wednesday  
2014-05-14

08:30 Micro-organisms cross borders: open questions for company and science  
*Philipp Franken, Humboldt-University Berlin , DE*

09:00 EU phytosanitary import requirements and procedures for micro-organisms  
*Katrin Kaminski, JKI, Braunschweig, DE*

09:30 Round table Discussion

10:30 Break

11:00 Use of micro-organisms in organic crop production  
*Daniel Neuhoff, University of Bonn, DE*

11:30 Biogas digestate: a hotbed of pathogens and microorganism - relevance of plant pathogens surviving anaerobic digestion to agro-ecosystems  
*Yvonne Schleusner, Martina Bandte, Matthias Plöchl, Monika Heiermann, Carmen Büttner, HU Berlin, DE*

12:00 Round Table discussion

12:30 End of symposium

