

Plant Protection and Plant Health International

Science meets legislation



Scientific Innovations &
Regulatory Challenges in Biocontrol

11th International Symposium
jointly organised by DPG and JKI



18 – 19 February 2025
Braunschweig, Germany

Julius Kühn-Institute Messeweg 11-12 38104 Braunschweig

Programme

<https://ppphi.plant-protection.net>

Symposium Committee

Johannes Jehle

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Germany*

Christina Donat

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*Research Institute of Organic Agriculture FiBL,
Frick, Switzerland*



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Conference Fee and Venue

Conference Fee:

Regular participants: 120 Euro

People in training (e.g. student): 50 Euro

The conference fee includes complementary coffee, tea or beverages and a joint dinner.

For further payment modalities please refer to the symposium website.

Registration at the symposium website
is open until

31 January 2025

The conference language will be English.

Programme information:
Further details will be given
at the symposium website.

Contact:

ppphi@plant-protection.net

The symposium office will be open
at 18 February 2025 from 12:00 -18:00
and
at 19 February 2025 from 8:00 - 13:00

The symposium »Plant Protection and Plant Health International« is organised jointly by the German Society for Plant Protection and Plant Health (DPG, <https://phytomedizin.org>) and the Julius Kühn-Institut (JKI, www.julius-kuehn.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 for further information.

<https://ppphi.plant-protection.net>

The Symposium Topic

Scientific Innovations and Regulatory Challenges in Biocontrol

Worldwide, biological control of plant pests and diseases is considered as key component in the transformation of our agricultural systems towards a more resilient and sustainable crop production. By employing natural resources, from naturally occurring antagonists to industrially manufactured biocontrol agents, the necessity to apply chemical pesticides can be reduced.

Significant progress has been made during the last two decades in research and development, and in the regulation and marketing of biological control products. Yet, the implementation of biological tools needs to be further accelerated to achieve the UN goals for sustainable development, the aims of the Farm-to-Fork strategy of the EU and similar ambitious objectives in many other countries to reduce the negative impact of pesticide use on human health and the environment.

The 11th PPPHI symposium aims to exchange knowledge and to formulate the needs how research could contribute to overcome the current scientific and regulatory limitations of using biocontrol agents in crop production.

This symposium will deal with four main topics

- the research needs,
- the potential and limitations of using microbials as biocontrol agents,
- the issues of selectivity and effectiveness of biological control, and
- future perspectives towards a successful implementation of biocontrol in production practice.

<https://ppphi.plant-protection.net>

Programme

Tuesday
18.02.2025

12:30 Introduction

Words of welcome

Frank Ordon (President of JKI, DE),
Annette Reineke (DPG, DE)

13:00 - 15:15 Session 1:

Research Needs

Chair: Giselher Grabenweger

Christian Huyghe (INRAE, FR)

»New paradigms and recent scientific breakthroughs for an efficient and sustainable crop protection«

Domenico Deserio (EC DG Sante)

»Biological control in the EU under the framework of Reg (EC) 1107/2009«

Lucius Tamm (Agroscope, CH)

»Navigating farmers' needs, industry reality, academic ambition and funding agency requirements in biocontrol research«

Christina Donat (e-nema, DE)

»Research needs to support registration and market access for biocontrol products from an industry perspective«

15:15 Coffee break

15:45 - 17:45 Session 2:

Microorganisms and WGS

Chair: Ada Linkies

Jörg Wennmann (JKI, DE)

»Novel developments in whole genome sequencing of microorganisms«

João Pedro Saraiva (UFZ, DE)

»Whole genome sequencing analyses and risk assessment«

José Carvalho (IBMA, DE)

»Using whole genome sequencing in the regulatory science context«

18:30 Conference dinner

Programme

Wednesday
19.02.2025

8:30 - 10:30 Session 3:

Selectivity & Effectiveness

Chair: Ewa Matyjaszczyk

Stefano Torriani (FiBL, CH)

»Scientific innovation as driver for a organic plant protection transition«

Marieke van Hulten (ctgb, NL)

»Efficacy assessment of biological plant protection products: experiences from an evaluator«

Heiri Wandeler, (Andermatt Biocontrol, CH)

»Selective and effective biocontrol agents: an industry perspective«

10:30 Coffee break

11:00 - 13:00 Session 4:

Future Perspectives

Chair: Annette Reineke

Vikas Kumar (BfR, DE)

»Artificial Intelligence (AI) and Text Mining Applications for Risk Assessment«

Carlo Malavolta (IOBC, IT)

»IOBC-WPRS Integrated production guidelines: a tool for the formulation of regional and national IP/IPM guidelines«

Aymeric Berling (EC DG Agri)

»The green architecture of the CAP on the use of biocontrol by the farmers«

Wrap-up

Johannes Jehle (JKI, DE)

13:15 End of Symposium