



International Akademie Fresenius BIOCONTROL Conference

Biopesticides – Biofertilisers – Biostimulants

+++ ONLINE CONFERENCE +++

30 June and 1 July 2022

Highlights

- The EU Commission on Biocontrol in the framework of the Green Deal and the revision of the Sustainable Use Directive (SUD)
- Biopesticide regulatory frameworks – a global overview
- Upcoming technologies and the lack of technical-regulatory data packages
- Industry perspective on biocontrol and digital farming
- The IBMA on optimising EU regulation for biocontrol technologies
- Plant Biostimulants in the United States: Regulatory and Legislative Developments
- FiBL institute: Biological substances – current Challenges



The Experts

Anne Alix Corteva Agriscience | **Gertie Arts** Wageningen University | **William Askew** Applied Insect Science (APIS) | **Gordon Cameron** German Federal Office of Consumer Protection and Food Safety (BVL) | **David Beaudreau Jr.** D.C. Legislative and Regulatory Services (DCLRS) | **Rosa Criollo** CropLife Europe/FMC Agricultural Solutions | **Roma Gwynn** International Biocontrol Manufacturers Association (IBMA)/Rationale Biopesticide Strategies | **Jürgen Kohl** Wageningen University | **Eric Liégeois** European Commission | **Andrew Owen-Griffiths** European Commission | **Francesco Pennacchio** University of Naples | **Milena Stephan** knoell Germany | **Lucius Tamm** Research Institute of Organic Agriculture FiBL | **Mark Whittaker** Applied Insect Science (APIS)

Thursday, 30 June 2022

Timings are in
Central European Summer Time [CEST](#).

 **Morning Session 10:30 – 12:15 CEST**

10:30 Welcome address by the organisers and the Chairs
Mark Whittaker, Applied Insect Science, United Kingdom

Regulatory Landscape

10:45 Biocontrol in the framework of the Green Deal

- Overview of the recently endorsed new reviewed data requirements and approval rules for plant protection products containing microorganisms
- Regulatory perspectives for other groups of biocontrol agents

Eric Liégeois, European Commission, Belgium

11:15 The revision of the Sustainable Use Directive (SUD) and pesticide use reduction targets

- The framework of the European Green Deal and Farm to Fork Strategies including reduction targets
- The proposed legislation for a new Sustainable Use Regulation and main policy changes
- Integrated Pest Management as the key principle

Andrew Owen-Griffiths, European Commission, Ireland

11:45 Optimising EU regulation for biocontrol technologies

- Good practice for biocontrol technology from around the world for PPP regulation
- Discussion on ways existing EU regulation can be effectively implemented
- Consideration of advantages for the EU to have a dedicated biocontrol technology regulatory agency

Roma Gwynn, International Biocontrol Manufacturers Association (IBMA), Belgium

12:15 Lunch break

 **Afternoon Session 13:15 – 16:00 CEST**

13:15 Competent Authority view: Biological plant protection – Status Quo

Gordon Cameron, Federal Office of Consumer Protection and Food Safety (BVL), Germany

13:45 Risk assessment of low-risk pesticides including microbial pesticides

Gertie Arts, Wageningen University, The Netherlands

14:15 Short break

14:30 Ecological arguments to reconsider data requirements regarding the environmental fate of microbial biocontrol agents in the registration procedure in the European Union

Jürgen Kohl, Wageningen University, The Netherlands

15:00 Biopesticide regulatory frameworks – a global overview

- Europe
- United States
- Southeast Asia
- Latin America

Milena Stephan, knoell, Germany

15:30 Plant biostimulants in the United States: Regulatory and legislative developments

David Beaudreau Jr., D.C. Legislative and Regulatory Services DCLRS, United States

16:00 End of the first day

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Friday, 1 July 2022

Timings are in
Central European Summer Time [CEST](#).

 Morning Session 10:30 – 12:00 CEST

Specific Substances & New Technologies

10:30 Development of plant-derived biopesticides: Current challenges

- History of the use of botanicals
- Case study: Development of new botanicals for copper substitution
- Challenges and conclusions regarding development and registration of botanicals

Lucius Tamm, Research Institute of Organic Agriculture (FiBL), Switzerland

11:00 Upcoming technologies and the lack of technical-regulatory data packages (data requirements): A look at technical dossier data package

- Examples of new technologies
- The problem of missing regulatory tools and landscape
- The problematic knowledge gap on the side of regulatory authorities

Rosa Criollo, CropLife Europe/FMC Agricultural Solutions, Belgium

11:30 Biocontrol and digital farming

- The enablers of the green deal and farm to fork
- Digital and precision application of biologicals
- Biologicals how do they fit into the precision application
- The revolution of precision application and how it could affect application of biologicals

Anne Alix, Corteva Agriscience, United Kingdom

12:00 Short break

 Afternoon Session 12:15 – 13:15 CEST

12:15 Bio-inspired pest control technologies

- Sustainable exploitation of the ecosystem services aided by an increasing availability of low-impact tools and strategies of pest control
- Development of novel, highly specific biopesticides based on the understanding of the molecular mechanisms underlying associations between plants, insects/pathogens, and their natural antagonists
- Use of Biocontrol agents beyond the organism level, as source of molecules and molecular technologies for pest control

Francesco Pennacchio, University of Naples "Federico II", Italy

12:45 Development of RNAi based biopesticides

- RNAi mechanisms and function
- The current status of RNAi biopesticides
- Development of a novel RNAi based biopesticide

William Askew, Applied Insect Science, United Kingdom

13:15 End of the conference

How will this online conference work?

Our online conference will be live – with interactive participation – and will be held in the English language. Prior to the conference, we will provide you with your login details, which will allow you to participate and ask questions from your preferred location. All you need is a stable internet connection and an audio hardware system – and away you go!

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Participation Fee: € 995.00 plus VAT

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If you are unable to attend the online event, you can order the event documentation for € 295.00 plus VAT. It will be available after the online event through the download area of our website where you will find the latest versions of the presentations as pdf files.

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Do you have any questions?



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The Organisers

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Who should attend?

Professionals working in the fields of:

- Management of biological control for the agricultural use
- Production and distribution of biological/microbial pesticides and biocides
- Research & development
- Consulting
- Risk assessment
- Toxicology
- Ecotoxicology
- Registration and compliance

Sectors taking part:

- Agrochemical industry
- Biocontrol industry
- Research institutes
- Authorities
- Professional associations
- Contract laboratories/consultancies

Terms of Participation and Purchase: The registration fee includes the participation in the online event and the event documentation for download. You will receive written confirmation of your registration. Upon receiving our invoice, please transfer the amount due without further deductions before the event begins. The price of the event documentation includes access to the secure Akademie Fresenius download area on our website. The secure access code will be dispatched around two weeks after the event and as soon as advance payment has been received.

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