

BIOPESTICIDES EUROPE

8-9 June 2016 - Barcelona, Spain

KEY TOPICS

- Benefits of using several microbes and different modes of action to achieve better consistency
- Market outlook and latest developments in the biopesticides industry
- The role of biocontrol in sustainable agriculture
- Policies and regulatory environment
- R&D and scientific advancements
- Registration of biopesticides
- Financing projects in biopesticides sector
- Mergers and acquisitions in crop protection industry
- Strategic partnerships and global competition
- Achieving integrated pest management strategy (IPM)
- High Tech innovations driving future of biopesticides industry
- New product discovery and development path

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Timothy Rowley Evans T: +44(0)20 3141 0637 | Email: trawleyevans@acieu.net

Registration information:

Marcin Janecki | Tel: +48 616 46 9780 | Email: mjanecki@acieu.net

Successful developments in biopesticides industry

The Global and European biopesticides market has grown significantly over past few years. With increased direction from the authorities and growing demand for sustainable agriculture it is certain that biopesticides market will continue to experience unprecedented growth. ACI is delighted to announce the Biopesticides Europe 2016 Conference, which will take place in Barcelona, Spain on the 8th-9th of June 2016.

The two day event will bring together key industry stakeholders from the biopesticides industry to discuss the challenges faced and the future opportunities. Conference will discuss the current overview of the markets, with highlights from experts on the progression of the biopesticides market and new insights and innovation of projects in pipeline.

The conference will also have insights from end-use markets giving updates on market growth drivers along with sustainable advancements in technologies and R&D projects. Join us in Barcelona to meet senior representatives from leading companies for excellent networking opportunities.

Who will you meet at this event?

Pesticides & Biopesticides Producers

Biopesticides Technologists R&D Scientists

Registration Specialists Global Business/Commercial
Directors Solution Providers Consultants

Regulatory and Policy Officers Technology Providers

Technical Managers Crop Protection Specialists

Entomology professionals



Host city of Barcelona:



Why attend this event?

- Hear from high profile speakers sharing their knowledge and expertise
- Network with the industry leaders from European companies

Opportunities to meet your target audience

A wide variety of commercial and sponsorship opportunities available - for more information please contact:

Timothy Rowley-Evans

Tel: +44 (0) 20 3141 0637

Email: trowleyevans@acieu.net



Speaking opportunities:

If you would like to be considered as a speaker for the event with a 30-45 minute presentation, please submit an abstract for consideration to:

Samanta Fawcett


Conference Producer

Tel: +44 (0)20 3141 0624

Email: sfawcett@acieu.net

Registration is simple:

If you would like to register for this event or wish to find out more information, please contact **Marcin Janecki** using any of the following methods:

 +48 61 646 9780

 mjanecki@acieu.net

 <http://www.acieu.net>

 ACI Europe, 5/13 Great Suffolk Street, London, SE1

DAY 1

Wednesday 8th June 2016

07:30 **REGISTRATION & COFFEE**

08:30 **CHAIRMAN'S OPENING REMARKS**

08:45 **CONFERENCE PRESENTATION**

Market outlook and latest developments in the biopesticides industry

- European and global market growth overview
- Latest European developments
- Review of trade flow in Europe
- Analysis of the demand drivers

09:15

CONFERENCE SESSION ONE

The role of biocontrol in sustainable agriculture

- Organic farming and chemical-free crops
- Pesticide residue limits
- Environmental and food safety regulations
- Biopesticide usage impact on human health
- Biological solutions for agriculture

Biocontrol strategies integrating biopesticides, beneficials and pollinators, Flying Doctors and other examples



Herman Van Mellaert
Director Business Development
Biobest NV

09:45

Remedier: the Isagro's biofungicide against soil borne diseases and some aerial plagues for key crops

- Remedier, achievement of the Isagro's R&D and state-of-the-art manufacturing
- How a "product" becomes a "solution" for Integrated Disease Management
- 6 years of experience in the substantial control of the ESCA DISEASE COMPLEX



David Cambri
Global Product Manager Biosolutions
Isagro

10:15

Panel Q&A

10:30

MORNING REFRESHMENTS

11:00

SESSION TWO

Policies and Regulatory environment

Regulation of Biopesticides under Regulation (EC) 1107/2009 – Experiences and proposals for improvements

- How did Biopesticide regulation develop during the last 15 years?
- What is the current status?
- Which improvements can be made?



Dr Rüdiger Hauschild
Director & Head Of
Biopesticides Department
GAB Consulting GmbH

Important considerations when using biologicals in a crop protection programme

Dr Andrew Brown
Global R&D Functional Crop Care -
Biologicals
BASF

12:15

Panel Q&A

12:30

CONFERENCE PRESENTATION

Directed selection: a novel approach for microbial crop protection

- Not unlike plant breeding, microbial selection can be used to enhance plant performance
- In addition to management of abiotic stresses and fertilizer use efficiency, directed selection can be used to manage biotic stresses
- This plant-centric, high-throughput discovery process efficiently can screen a significant amount of diversity to sustainably address grower needs



Joe Schmidt
SVP Business Development And
Strategy
BioConsortia

13:00

LUNCH

14:00

SESSION THREE

R&D advancements

Biopesticides: Innovative technology for crop pest control

- Advances made in the development of biopesticides for pest control
- Particular attention is given to innovative formulation which enhance biopesticide efficacy and competitiveness for foliar and soil pests
- The new products will become available for western flower thrips control in strawberries
- Exploring new formulation technology and delivery methods to maximise the results in different cropping systems
- Exploring new formulation technology and delivery methods to maximise the results in different cropping systems
- The product developed for western flower thrips is proving effective against wider host range of insect species. Benefits to forestry, agriculture, horticulture, human health, livestock production

14:20



Dr Minshad Ansari
Managing Director
Bionema Limited

Mycopesticides in Africa: The challenges and opportunities

- Many challenges of biopesticide use are related to logistics of how to get the biopesticide
- However, the market and governments are open to new ideas regarding biopesticides
- The all-important funding issue is turning towards collaborative commercial/academic partnerships with clear goals showing improvements to livelihoods. Funding bodies such as Bill and Melinda Gates Foundation and The Rockefeller Foundation are very keen on this type of collaboration with initiatives such as Yieldwise



Belinda Luke
Head of Biopesticides Team
CABI

Plant growth, crop yield and quality: academic research on physiological mechanisms determining the performance of Mediterranean greenhouse crop production

- Plant physiological response-adaptation to stress growth conditions usual under Mediterranean greenhouses (high radiation, high temperature and low relative humidity)
- Biostimulants to reduce the deleterious effects of irrigation with saline water
- Biostimulants interactions in roots and their potential for agronomic applications: resistance to high atmospheric vapor pressure deficit and saline stress.



Dr Maria Remedios Romero Aranda
Tenured Scientist and Plant Physiologist
Instituto de Hortofruticultura Subtropical y Mediterránea La Mayora UMA-CSIC

15:00

Panel Q&A

15:20

AFTERNOON REFRESHMENTS

15:50

CONFERENCE PRESENTATION

Semiochemical based products as an essential tool for IPM management

- Semiochemicals are a cornerstone inside the biocontrol industry
- Outlook on basic concepts and pest control techniques based on the use of semiochemicals

- Current examples of implementation of products in modern crop management
- Perspective and future of semiochemical industry



Dr Ignacio de Alfonso
Technical Product Manager
Suterra Europe Biocontrol SL

SESSION FOUR

Registration of biopesticides

An overview of the EU plant protection product legislation and the challenges it can present for product innovation and registration

- The regulatory framework for plant protection products in the EU is extensive and complex. Focusing on those aspects which are most relevant for biopesticides, this presentation will endeavour to:
 - Describe the relevant Regulations and
 - Discuss the key provisions of the legislation and
 - Anticipate possible challenges the industry and regulators might face with the introduction of innovative technologies

16:20



Dr Mark Briggs
Managing Scientist – Regulatory (Plant Protection Products)
Exponent International

16:50

- Challenges in registering biopesticides
- Experiences to register biopesticides in Europe
- Low Risk Category according to 1107/2009: a chance for biopesticides?



Dr Philip Kessler
Head Regulatory Affairs
Andermatt Biocontrol AG

17:20

Panel Q&A

17:35

CLOSE OF DAY ONE

DAY 2

Thursday 9th June 2016

08:00

REGISTRATION & COFFEE

08:30

CHAIRMAN'S OPENING REMARKS

08:45

SESSION FIVE

Legal aspects, partnerships, mergers & acquisitions

Mandatory data sharing under European law – prospects and risks for data owners, data submitters and new market entrants

- The impact of mandatory data sharing under European law on existing data access, transfer and licensing agreements
- How to solve conflicts between mandatory data sharing and freedom of contract
- Legal consequences for future contract design
- Recent case law



Dr Gunnar Sachs
Lawyer
Clifford Chance

09:15

Mergers, acquisitions and partnership and how they drive the growth of the biopesticide industry

- Recent transactions in the biopesticide space
- Examples from The BioAg Alliance
- How the biopesticide industry is positioned for growth in the next 5 -10 years



Dean Thome
Global Business Development
Director
Novozymes BioAg

09:45

Allied to succeed. The importance of mutual understanding between academia and industry

- The missing steps and risks of miscommunication between a discovery and its commercial development
- How to position a new biocontrol agent? The role of the market input
- The case of *Trichoderma atroviride* SC1 and its development into a novel plant protection product
- Role of public research projects for the connection between science and industry



Dr Sandro Frati
New Business Development Specialist
Bi-PA

10:15

Panel Q&A

10:30

MORNING REFRESHMENTS

11:00

CONFERENCE SESSION SIX

Achieving integrated pest management strategy (IPM)

Integrated control of western flower Thrips in Green houses and fruit fly in open field

- Control of Western Flower Thrips, *Frankliniella occidentalis* in the UK
- Control of fruit fly species in Asia and Africa
- Using integrated pest management strategy

11:30

Side effects of biopesticides on biological agents and pollinators like bumblebees



Dr Nayem Hassan
Head, Research & Development
Russell IPM

12:00

Panel Q&A

12:15

CONFERENCE PRESENTATION

Plant and fungal - derived oligosaccharides as inducer of plant immunity

- This presentation will focus on the main results obtained by a consortium of researchers in the field of cell wall derived products biological activity on plants, and more particularly:
- oligogalacturonides (OGA), Xyloglucan oligosaccharides (XGOs) lipo-chitoooligosaccharides (nodulation factor), chitosan and chitoooligosaccharides (COS), exopolysaccharides (EPS)
- In order to develop plant protective methods that are innovative, eco-friendly and compliant with latest agricultural practices



Guillaume Wégria
R&D Program Leader
Materia-Nova

12:45

LUNCH

13:45

CONFERENCE PRESENTATION

High Tech innovations driving future of biopesticides

- Latest technical innovation
- Implementation and technical effectiveness
- Crop protection technologies
- Encapsulation formulations for protection and release of micro organisms for biological crop control
- Micro encapsulated soil microbes
- Entomopathogenic Nematodes in bio-vectors NemaCaps
- Protection of *Trichoderma* fungi



Jean Antoine Meiners
Managing Director
Laboratoire Meiners-Agrocaps

14:15 CONFERENCE PRESENTATION

Innovative approaches for biopesticides applications for food and feed safety in developing countries. Egyptian success story

- The role of biopesticides and organic agriculture in creating green jobs in developing countries
- The continuous partnership of between private sector and academic in biopesticides research and application in Northern Africa (Egypt and Tunisia)
- The efficiency of biopesticides in food and feed safety with emphasis in Egyptian success story
- Efficient role of Biopesticides in soil health and productivity
- Efficiency of both biopesticides and modified biofumigation for climate change mitigation and reducing greenhouse gas emissions



Dr Mohamed Fathy Salem
Assistant Professor of Plant Pathology and Biopesticides
GEBRI Genetic Engineering and Biotechnology Research Institute

15:10 CONFERENCE PRESENTATION

Bioherbicide potential of plant secondary metabolites

- Natural products are a potential source of bioherbicide compounds with highly diverse chemical structure and novel mode/s of action
- Knowing the mode/s of action of plant secondary metabolites will allow to establish how, when and where to use them for weed management
- Programmed cell death, microtubule malformations, altered auxin polar transport or mitochondrial membrane depolarization are among the mechanisms of action of citral, farnesene, norharmane, trans-chalcone and other secondary metabolites
- Structure/activity relationships studies based on the phytotoxic effects observed for terpenoids, phenolics and nitrogen-containing compounds are used to build up data bases for mode of action classification



Adela M. Sánchez-Moreiras
Professor
University of Vigo

15:40 CONFERENCE PRESENTATION

Botanicals can replace many synthetic pesticides ?

- Botanicals can replace many kinds of synthetic pesticides
- Botanicals are biodegradable and safe for the environment
- Novel application technologies is urgently needed
- Bottlenecks of commercialization of BCAs need to be eliminated quickly



Kari Tiilikkala
Professor Plant Healthn Research
Luke, Natural Resource Institute Finland

16:10 CHAIRMAN'S CLOSING REMARKS


16:20 END OF CONFERENCE & AFTERNOON REFRESHMENTS

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Discounts are available for multiple/group bookings. Please call Marcin Janecki on +48 61 646 9780 for more information.

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Conference (Includes Documentation Packet)
8-9 June 2016

£1495.00
(ex VAT)

Documentation Packet Only

£420.00

Please Note:

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +48 61 646 9780

Documentation packet available

You can purchase Biopesticides Europe 2016 papers at just £395 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting.

This important manual will be a source of invaluable reference for the future.

About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago with offices all around the States, ACI opened its European head office at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, oil & gas, cosmetics, chemicals & media.

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