

# R&D of Agri Products

Exploring the Next Generation of AgriProducts

## Key themes to be covered throughout the Congress:



**Agrochemical  
research**



**Resistance  
challenges**



**Robotics**



**Funding &  
investment**



**Crispr and plant  
genetics**



**Biologic research**

## Speakers include:



**Johan Cardoen**  
VIB



**Klaus Stenzel**  
Bayer CropScience



**Rosie Byson**  
BASF



**Simon Blackmore**  
Harper Adams University

Sponsor:



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Presented by:



Register online at **Agriproduct-RD.com** or call us at **+44 (0)20 3696 2920**

# Welcome to the R&D of AgriProducts Congress

Dear Colleagues,

We are pleased to welcome you to our first European Congress that explores the R&D of AgriProducts with a specific focus on early stage research.

This congress will bring together key stakeholders active in researching agrochemicals, biopesticides, plant health & nutrition and plant microbiome products. The event is divided into tracks to allow you to attend your area of interest and expertise.

Technology applications and digital ag will be a feature component of this event, with the keynote session looking at technology and the future.

## Congress Highlights and Themes:

- R&D case studies exploring herbicides and fungicides – with input from BASF, Syngenta and Bayer CropScience.
- Two R&D tracks with a focus on either chemistry or biology.
- Revealing the next generation of novel projects and innovative products.

We very much hope to welcome you to the R&D of AgriProducts Congress.

With kind regards,

Kisaco Research  
**R&D of AgriProducts**

**Tailor the congress  
to your own  
interest areas:  
Divided tracks allow  
you to personalise  
your own schedule**

**latest information  
on peptides, agri  
antibodies,  
CRISPR-Cas9 technology  
and the power of the  
plant genome**

**30%**

**biocontrol/  
biologic experts  
active in  
research**

**40%**

**herbicide,  
insecticide and  
fungicide research  
scientists**

**Attendees  
will  
include...**

**20%**

**Technology  
Providers**

**10%**

**Academics and  
Growers**

## Interested in Partnering?

Meet and connect with future clients- this meeting brings together both agrochemical companies as well as biological focused organisations with a deep focus on early stage research

Showcase technology platforms and products that can assist during early stage research and development

100+ attendees expected

Contact us at +44 (0)20 3696 2922 and  
email [events@kisacoresearch.com](mailto:events@kisacoresearch.com)

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## Partnership & Exhibition Opportunities



**1** Book a stand today



**2** Showcase your solutions to a targeted audience

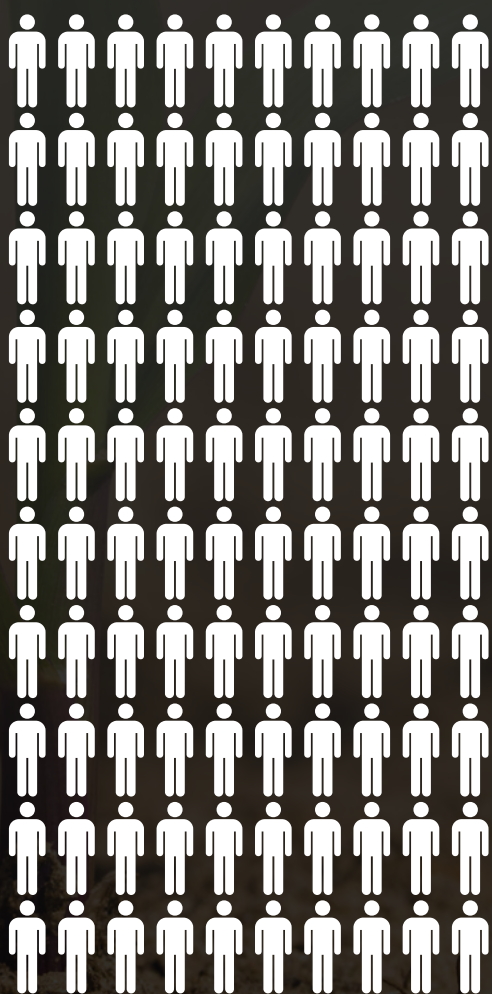


**3** Host a networking reception

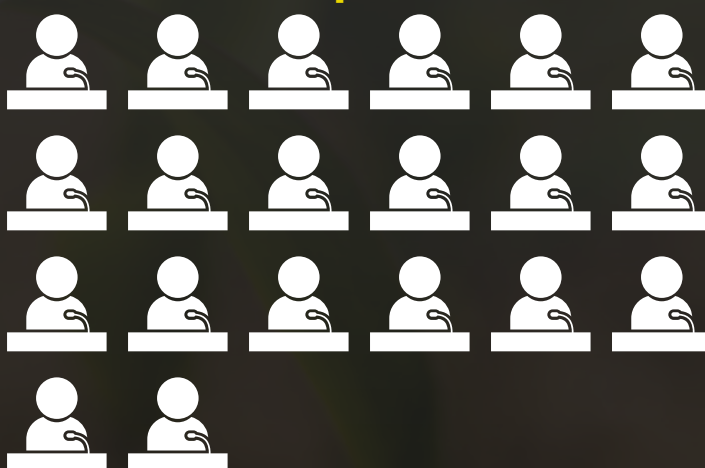
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and email [events@kisacoresearch.com](mailto:events@kisacoresearch.com)

## Expected at the congress:

**100+ attendees**



**20+ speakers**



**R&D of AgChem**

**2 tracks to choose**

**R&D of Biologics**

Register online at [Agriproduct-RD.com](http://Agriproduct-RD.com) or call us at +44 (0)20 3696 2920

# Speakers include:



**Simon Blackmore**  
Professor  
Harper Adams University  
UK



**Dirk Vandenhirtz**  
CEO Zasso Group AG  
Switzerland



**Johan Botterman**  
Bayer CropScience  
Belgium



**Rosie Byson**  
Team Leader  
Fungicides Arable  
Crops, BASF, Germany



**Johan Cardoen**  
Managing Director  
VIB



**Lieven Denruyter**  
R&D Project Manager  
GlobaChem  
Belgium



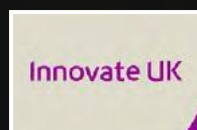
**Dimitiris Drisis**  
Technology Specialist  
Serbia & Romania



**Alaa Emam**  
Director and Agrotechnology  
Expert  
Alex Valley UK



**Pedro Gallardo  
Barrena**  
Vice President of the Cereals  
Working Group, Copa Cogeca



**Ian Holmes**  
Innovate UK  
UK



**Dr. Stephen Lindell**  
Crop Science Division  
Bayer CropScience  
Germany



**Navdeep Mehta**  
Herbicide Specialist  
Asia



**Luc Peeters**  
Relationship Manager  
BelOrta



**Giovanni Povero**  
Plant Physiology Coordinator  
Valagro  
Italy



**Russell Sharp**  
Founder and Technical  
Director  
Plater Bio, UK



**Guy Smith**  
Vice President,  
National Farmers Union



**Klaus Stenzel**  
Disease Control Biology  
Bayer CropScience  
Germany



**Harry Teicher**  
Strategic Manager  
BioScience Solutions  
Denmark

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08.00

Registration

08.50

Opening remarks from the chairperson: **Dr Steve Lisansky, CPL, UK**

## 10 YEARS FROM NOW HOW TO WE DENVISION FARMING CHANGING?

09.00

**A futuristic vision - What novel technologies are needed to meet the needs for growers over the next 10 years and how will robotic technology impact the way we research and develop agri products?**

- Looking at historical trends, agriculture following in the footsteps of other sectors – how can this help us predict future trends?
- Robotics – will robots be running agriculture farm land in the future and if so what will this mean for R&D now?
- Should we be looking at developing products that can be applied by robotics? Will this impact formulations and the active ingredients selected?
- 10 years from now how to we envision farming changing?
- Artificial intelligence- how will this reform the discovery and development of new actives?

**Professor Simon Blackmore , Harper Adams, and Head of Agricultural Robotics, UK**

09.30

**Keynote panel: The farmers' voice**

- What challenges are farmers facing now and what will their challenges be in the next few years?
- Experiences and insight into working in the field with agrochemicals - what growers are really saying about these products, are they meeting their needs now and will they in 5 years' time?
- What do farmers want to see in future formulations?
- How can new application technology be developed to meet the needs of farmers?

**Panellists:**

**Dr. Jaap van Wenum, Chairman of Arable Farming, LTO Nederland, The Netherlands Luc Peeters, Relationship Management, BelOrta, Belgium**

**Guy Smith, Vice President at National Farmers' Union, UK**

**Pedro Gallardo Barrena, Vice President of the Cereals Working Group, Copa Cogeca, Spain**

**John Chinn, Chair CHAP Ltd, Cobrey Farms, UK**

10.15

**Exploring agriculture through the progress of technology**

- History of agriculture through the progress of technology
- Technology in agriculture as a driver for social change
- Technology in agriculture as an investment opportunity
- The agronomist of the future

**Dr Dimitris Drisis, Technology Expert, Serbia and Romania**

10.45

## Track A – Agrochemicals

### R&D for Agrochemicals

11.15

#### R&D projects – Exploring possibilities of current actives vs. identifying new actives

- Developing products using new combinations of actives
- Developing products repurposing current actives
- Using biologicals in combination with classical chemistry to improve efficacy
- Identifying new actives ourselves and through partnerships with universities and research institutes

**Lieven Denruyter, R&D Project Manager, Globachem, Belgium**

11.45

#### Challenges in R&D for new fungicides

- Fulfilling regulatory requirements
- Fulfilling demands from practice
- Meeting societal requirements
- Tackling resistance development and ensuring sustainable disease control
- Implementing new technologies

**Klaus Stenzel, Disease Control Biology, Bayer CropScience, Germany**

## Track B – Biologicals

### Regulation And R&D for Biologicals & Biostimulants

#### Regulating biostimulants – updates to policy and guidelines – webinar

This session will provide an update on regulatory developments for biostimulants in Europe

- Proposals from the European Commission
- Amendments to the fertilizer regulation
- Updates on biostimulant policy and regulation in Europe

**Eric Liegeois, Team Lead, European Commission, Belgium**

#### Research currently being conducted into new products

- Exploring products with multiple uses and MoA
- Mode of action and current findings from research results to date
- The challenges of scale up
- Regulatory and market considerations

**Russell Sharp, Founder, Plater Bio, UK**

12.15

## **Development of fungicides for the European market:- Challenges and Opportunities for product Innovation**

The European legislative environment is becoming increasingly complex and poses major challenges to both existing active ingredients and the development of new ones. In addition to the likely impact of European legislation on the availability of fungicide active ingredients in the medium to long term, the continuing emergence of fungicide resistance in economically important pathogens remains a threat. The agrochemical industry needs to balance the required investment in innovative solutions for the agricultural market with the recourses required to manage and defend valuable active ingredients for sustainable and profitable crop production across Europe. The agricultural industry requires innovative solutions in a changing and challenging market – this can only be achieved by providing the producer with a range of integrated technical solutions – this in turn can only be achieved if related disciplines work together.

**Rosie Bryson, Team Leader, Fungicides Arable Crops, BASF, Germany**

## **The Soil Microbiome**

### **From Soil to Bottle: An interactive look and feel at the wine microbiome**

- Genomics-driven precision viticulture
- The 5th influence of terroir: microbiome
- Wine is alive: the microbiology inside your glass
- WineSeq: Healthcare technology applied to winemaking

**Alberto Acedo, CSO, Biome Makers, Spain**

12.45

## **Lunch & Networking Break**

## **R&D Projects For Agrochemicals Continued**

14.15

### **Developing a path to innovation through collaboration**

**Johan Botterman, R&D Strategic Project Manager, Bayer CropScience, Belgium**

15.15

## R&D of Chemical Biostimulants

### Research into Chemical Biostimulants

- Plant Impact's approach to crop enhancement
- The challenges faced in developing chemical biostimulants
- Building trust in the sector through rigorous trials data

**Steve Adams, Research and Development Director, Plant Impact, UK**

15.45

## Afternoon Tea and Networking Break

## THE NEXT GENERATION OF NOVEL PRODUCTS AND INNOVATIVE PROJECTS

16.15

### Peptides for plant protection and plant health

- What are the differences between peptides for plant protection and plant health
- Can peptides be used as a dual product – both plant protection and plant health
- Recent research into peptides and proteins as plant protection products
- Current results and insight – mode of action and field trial results
- Conclusions and the future direction

**Robert Cannings, Commercial Director, Plant Health Care Ltd, UK**

16.45

### Agrobodies®, the next generation biologicals

- Development of Agrobodies® as plant protection products
- Responding to the needs of growers and the society
- Current results and insights

**Inge Van Daele, Product Development Manager, Agrosavfe NV, Belgium**

17.15

### Harnessing the power of digital herbicides - reshaping weed control for a healthier future

- Digital herbicides for a healthier future
- Using advanced power electronics, Electroherb is a proprietary technology developed over the last 10 years to manage weeds in an effective and sustainable manner
- Exploring its breakthrough approach that has been commercially proven through large area application in forestry and in the agricultural and urban weed control market in South America

**Dirk Vandenhirtz CEO Zasso Group AG, Switzerland**

17.45

## End of Day One



08.50

Opening remarks from the chairperson: **Dr Steve Lisansky, CPL, UK**

## MARKET TRENDS AND INSIGHT

09.00

R&D AgriMarket Trends and Insight

**Robert Harwood, CEO, CPL, UK**

## CHEMICAL R&D PROJECTS

09.30

Innovation and herbicide development at Bayer CropScience

**Dr. Stephen Lindell, Crop Science Division, Bayer CropScience, Germany**

10.00

Understanding the current herbicide scenario in Asia

- Growers' pain points and challenges
- Current herbicide mode of actions and upcoming chemistries
- Early weed management to better help growers

**Navdeep Mehta, Herbicide Specialist, Asia**

## SECURING FUNDING AND INVESTMENT FOR YOUR R&D PROJECTS

10.30

EU H2020 funding for Sustainable Food and Agriculture

- Exploring new developments for proposals that have just opened
- How to secure funding for R&D projects
- An update on UK involvement in EU projects with regards to Brexit

**Ian Holmes, Innovate UK, UK**

## INNOVATION: HOW DO WE INNOVATE?

11.00

**R&D Innovation Networking: Dedicated session for informal networking with a focus on R&D and innovation**

Networking with colleagues, peers and new contacts can lead to the next great innovation and idea. The idea behind this session is to meet with peers and colleagues, grab a coffee/tea and openly share ideas and thoughts on innovation. We appreciate some things will need to be kept confidential, that goes without saying, however bringing together a group of like minded experts is a fantastic opportunity to engage in innovative discussion, evoking thoughts and debate -inspiring innovation within your organisation. The theme for this networking sessions is: Innovation and R&D.

The goal is to have at least one conversation with a peer or colleague and discuss one of the following:

- How well do we innovate as an industry?
- What/who inspires you?
- Open innovation for R&D – have you attempted this? Was it a success?
- How do we predict what our customers will need in 10 years' time?
- How can you ensure a higher rate of product success? What steps do we take?
- Innovative drivers for product development: what is coming over from other industries?
- Where can we get inspiration for new leads and ideas?
- Innovation: exploring other sectors such as healthcare for screening and adopting new screening technology concepts

Hosted by: Ketan Mehta, Ecosense Labs, India & Steve Lisansky, CPL, UK

11.30

## Challenges and opportunities in bringing Ag-innovations to value

**Johan Cardoen, Managing Director, VIB**

12.00

## From Precision Farming to Decision Farming

- Big Data - taking R&D to the farm
- Taking the farm to R&D - accelerate R&D through real time data
- What if data from the farm contradicts your R&D?
- From Big Data to effortless application
- Actionable Ideas from Southern Africa
- Synergies between product providers, service providers & researchers
- MyFarmWebTM : from data to profitability

**Erik De Vries, Director, Agri Technovation, South Africa**

12.30

## Networking Lunch & Meeting Mojo Time

1-2-1 meetings will take place during this session.



## REGULATION AND INNOVATION

14.00

## Regulatory considerations for biopesticides and minor uses

This session will provide an update on regulatory developments for biopesticides and minor uses:

- Activities of the EU Minor Use Coordination Facility
  - The EU Minor Uses Database EUMUDA
  - Current regulatory developments for biocontrol products
  - The Importance of Biocontrol to Close Minor Uses Gaps
- Update on the work of the OECD Expert Group on Biopesticides

**Jeroen Meeussen, Coordinator, European Union Minor Uses Coordination Facility, France**

## BIOLOGY-BASED CROP PROTECTION: BRIDGING THE CONVENTIONAL INTERFACE

14:30

### Original experience with chemicals and then moving over to developing a new biological product

- Case study example of experiences developing a new biological- what did we learn?
- To be successful chemists need to really understand the biology involved – example of when chemists tried working with biologicals and things did not go to plan
- Why it is key that senior management from chemical companies and chemical backgrounds need to be well informed when it comes to biologicals if they are looking to developed integrated products

**Harry Teicher, Strategic Manager, BioScience Solutions, Denmark**

## THE POWER OF THE GENOME: HOW HARNESSING THE PLANT GENOME CAN ADVANCE YOUR R&D STRATEGY

15.00

### Gene hammer - a new theory in cell biology – a full turn for plant growth solutions

- Regulating the plant genome: stimulating the genome to develop products that switch on/off certain gene
- A CRISPR's Sister technology applied for reprogramming cells
- Case study example of using epigenetics to develop key products for agri-products
- Exploring an innovative project: Agriculture in Mars! Can we really develop products for NASA and space programmes?

**Alaa Emam, Director and agrotechnology expert, Alex Valley, UK**

15.30

### Networking Break

16.00

### Understanding how genomics impact plant physiology to develop new products

- Case study example of using genomics studies to discover new molecules that are active for active for plant biostimulation, induced resistance and plant health
- Applying next generation sequencing - findings from this and developments
- Genomics and showcasing mode of action- examples of how mode of action of a product has been determined using genomics

**Giovanni Povero, Plant Physiology Coordinator, Valagro, Italy**



# Conference Day Two

23<sup>rd</sup> November 2017

16.30

## **CRISPR/Cas9 technology: Recent research into CRISPR technology and its application**

- Exploring CRISPR/Cas9 for functional genomics in trait discovery & selection
- Recent research into CRISPR technology and its application- how can this enhance the development of Agri products in R&D
- Current results and insight
- Finding conclusions to date

**Thomas Jacobs, VIB-UGent Center for Plant Systems Biology, Belgium**

17.00

## **Summary discussion**

17.15

## **End of conference**



# Pricing & Discounts

	Early Bird (Before 8th September 2017)	Standard
<b>Primary Market</b>		
2 Day Conference	€899 + VAT	€1,099 + VAT
<b>Vendors</b>		
2 Day Conference	€1,599 + VAT	€1,799 + VAT
<b>Academics</b>		
2 Day Conference		€550 + VAT
<b>Additional Options</b>		
Join Ag Formulation & Tech		€350 + VAT

<b>Book a Team to Save More!</b> PLEASE NOTE: Team Discounts are only available for Industry Pricing	
Book a Team of 3+	
Book a Team of 5+	

**Primary market includes:** Agrochemical companies, biostimulant, biocontrol companies and those who produce plant health/production products.

**Vendors include:** CROs, technology providers, adjuvant, surfactant suppliers and consultants.

If you are unsure which category your company falls under please contact Kisaco at [events@kisacoresearch.com](mailto:events@kisacoresearch.com)

#### Payment Terms for R&D of Agri Products

- Please note that a €60EUR processing fee will apply to any invoices requested.
- All Prices are in EUR and are exclusive of VAT @ 19%
- All Early Bird discount prices, including Group Discounts, must be paid in full by deadlines provided above.
- No discount offers can be combined with any other offer
- Please view our **Cancellation Policy**
- **QUESTIONS?** Please email [events@kisacoresearch.com](mailto:events@kisacoresearch.com)

## Pass Features

- R&D of AgriProducts Congress -
- Networking Sessions
- Lunch and Refreshments
- Pre-Show Meeting Scheduler for Business Partnering
- Complimentary Articles and Content

## Venue

### Hilton Amsterdam Hotel

Apollolaan 138, 1077 BG Amsterdam, Netherlands

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**Book your accommodation here**



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