



EUROPEAN TECHNICAL SUMMIT

Embracing Agriculture's New Norms

March 13–15, 2019
Convention Centre Dublin



SUMMIT OVERVIEW

WEDNESDAY, MARCH 13

- INDUSTRY TOURS (OPTIONAL)**
- RUMINANT TOURS**
- PIG TOUR**
- CROPS TOUR**
- AG-TECH TOUR**

For further information on tours see page 2

THURSDAY, MARCH 14

TECHNICAL SESSIONS

- RUMINANT** – see page 3
- PIG** – see page 3
- POULTRY** – see page 4
- CROPS** – see page 4
- AG-TECH** – see page 5

FRIDAY, MARCH 15

PLENARY SESSION

Dr. Mark Lyons
President and CEO, Alltech
Create your own future — thriving through turbulent times



Patrick Wall
Professor of Public Health, University College Dublin
Meat, eggs and dairy — the game is far from over!



Mairead McGuinness
Vice President, European Parliament
Toward a more sustainable food chain — the European agenda



WEDNESDAY TOURS

(OPTIONAL)

If you would like to join any of the tours below, please plan to arrive on Tuesday, March 12.*



RUMINANT TOURS



OPTION 1

KEPAK Farm

Kepak is one of Ireland's largest beef processors. Their farm, located just outside Dunboyne in Co. Meath, finishes over 3,000 head per year and is known as being one of Ireland's most efficient beef finishing operations. The farm operates a store-to-beef-finishing enterprise, where cattle are fed home-grown crops of barley, wheat and maize.

KERRY Global Technology and Innovation Centre

On this tour, guests will visit the world-renowned Kerry Group plc, famous for producing a wide range of food products for the modern-day consumer. The visit to the company's Global Technology and Innovation Centre, where 900 of its 24,000-strong workforce are employed, will include some insights into what the consumer of the future will require from their food products.

Dairy farm

The dairy farm tour will be to one of Ireland's largest and most efficient dairy farms. This farm, which milks 900 cows, operates a split calving system, with 70% of cow calving in spring. The farm looks to utilise as much grazed grass as possible while also trying to maximise milk solids output and fertility.

OPTION 2

KEENAN factory

At KEENAN, machines are built to order, allowing for the customisation of each machine to suit individual needs and a variety of farm set-ups. This tour will also include visits to a dairy farm that uses KEENAN technology.

Both options include visits to the Alltech European Bioscience Centre, the InTouch Centre and the Pearse Lyons Distillery.

AG-TECH TOUR



Google - TBC

The internet and tech giant first opened its EMEA Headquarters in Dublin in 2003 with 100 employees. Just over a decade later, the EU HQ is now Google's largest outside of the U.S., employing over 2,500 people from over 65 countries.

LinkedIn

The social networking site has been located in the Irish capital since 2010, when it started with just three employees in the city. Now, it employs more than 1,200.

Dogpatch

Dogpatch Labs is one of Europe's leading tech community hubs, fostering entrepreneurship for startups, facilitating technology innovation for all sizes of companies and nurturing transformative social enterprises.

PIG TOUR



Oakpark Foods

Oakpark, a bacon and pork processor, is part of the family-owned Brett Group, founded in 1940 by Bridget Brett and her four sons. The company, which began as a small agricultural merchant selling inputs to local farmers, has successfully grown into a multinational pork and bacon processor servicing some of the biggest retailers in the world.

Hermitage AI

You will have a chance to meet with representatives from Hermitage AI, a family-owned company founded in 1958 as a pedigree pig-breeding business that has grown over the decades. In 2017, Hermitage entered into a strategic partnership with PIC, the global leader in porcine genetics.

CROP TOUR



Country Crest

One of the largest growers and suppliers of quality potatoes and onions in Ireland, their expertise in growing, grading, storing and packing vegetables is second-to-none.

Clarke's Fresh Fruit

Growing 60 acres of strawberries, raspberries, blackberries and blueberries, Clarke's Fresh Fruit is the second-largest producer of strawberries in Ireland.

Paul Brophy Produce

Specialising in the growing, packing and distribution of broccoli and cabbage, Paul Brophy Produce began in 1983 and is now the largest broccoli producer on the island of Ireland.

The tour will also include visits to the Alltech European Bioscience Centre and the Pearse Lyons Distillery.

** Please note that an additional fee applies.*

Tours are dependent on satisfying quota numbers.

For more information and/or to register for the event, please contact your Alltech representative.

THURSDAY SESSIONS



RUMINANT SESSION

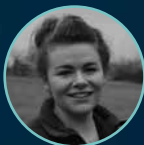
Thursday, March 14, 9:30 a.m.–4:30 p.m.

Ruminant agriculture — solving the environmental puzzle

Key industry speakers will discuss new issues in agriculture, including ruminant agriculture and the climate, understanding greenhouse gasses, sustainability and life-cycle assessments.

Hannah Donegan
Tesco Beef Manager, U.K.

Tesco's sustainably sourced feedstuffs programme



Chris Kerston
Director of Market Engagement and Public Outreach, Savory Institute, Colorado, U.S.

Can ruminant animals save our planet?



Adam Henson
Farmer and TV Presenter, Countryfile, BBC, U.K.

Re-engaging the consumer with a positive message about agriculture



RUMINANT SESSION SPEAKERS AND TOPICS

Dr. Carolyn Opio
Food & Agriculture Organisation (FAO), United Nations

Ruminant agriculture and a healthy climate: are they mutually exclusive?



Dr. Tim Snelling
Post-Doctoral Researcher, Harper Adams University, U.K.

Applications of meta-omics technologies to understand greenhouse gas emissions from ruminants



Dr. Stephen Ross
Senior Sustainability Specialist, Alltech E-CO₂, U.K.

Effects of feeding, breeding and management in life-cycle assessment



Professor Gerry Boyle
Director, Teagasc Oakpark, Ireland

Greenhouse gas and ammonia emissions — what agriculture can do



PIG SESSION SPEAKERS AND TOPICS

Dr. Seamus Fanning
Professor of Food Safety and Zoonoses, University College Dublin, Ireland

Reducing antimicrobial use: Implications for human health



Mark Cigan
Trait Development Director, Genus R&D, U.S.

Life without vaccines



Torben Skov Ancker
Product Manager, Hornsyld Købmandsgaard, Denmark
ZnO ban: An alternative plan?



Leigh Marquess
President, Quantum Genetix, Canada
Measuring and managing AMR on your pig farm



PIG SESSION

Thursday, March 14, 9:30 a.m.–4:30 p.m.

Gut feeling for antimicrobial-free pig farming

Key industry speakers will discuss new issues in agriculture, such as vaccines, the impact of anti-microbial resistance (AMR) on human health, gut health and zinc oxide.

Dr. Karina Horgan
Associate Research Director, Alltech Biotechnology Centre, Ireland

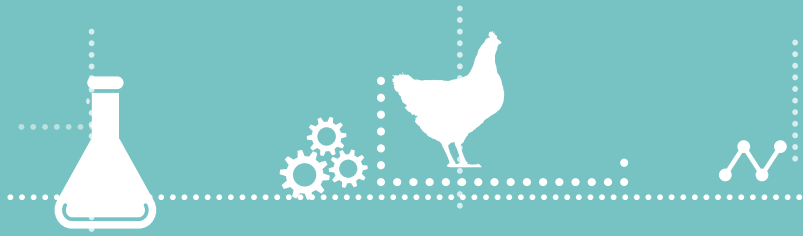
Gut health: the importance of the microbiome



Dr. Cat Berge
Veterinarian and Epidemiologist, Berge Veterinary Consulting BVBA, Belgium

Practical solutions for reducing antimicrobial use





POULTRY SESSION

Thursday, March 14, 9:30 a.m.–4:30 p.m.

Exploiting birds' genetic potential through immunity

Key industry speakers will discuss issues in agriculture, including feed conversion, disease, changing attitudes about nutraceuticals, controlling campylobacter and enhancing eggshell quality.

POULTRY SESSION SPEAKERS AND TOPICS

Eilir Jones
International Poultry Consultant
Production is vanity, feed conversion is sanity — worldwide "best-in-class" experiences



Richard Turner
Director, St David's Poultry Team, U.K.
Changing attitudes about nutraceuticals



Dr. Aoife Corrigan
Senior Research Scientist,
Alltech European Bioscience Centre, Ireland
Intestinal health and the microbiome — rehabilitation through nutrition



Dr. Declan Bolton
Principal Research Officer,
Teagasc Food Research Centre, Ireland
Broiler farm campylobacter control concepts



Ben Huntington
Avara Foods, U.K.
Global burden of animal diseases: problem, solution, legacy



Dr. Kayla Price
Poultry Technical Manager,
Alltech Canada
Reaching new heights: Enhancing eggshell quality potential



CROP SESSION SPEAKERS AND TOPICS

CROP SESSION

Thursday, March 14, 9:30 a.m.–4:30 p.m.

Growing toward a pesticide-free future

Key industry speakers will discuss new issues in agriculture, including developments in crop production, early disease detection, sustainable crop production and the importance of soil and crop health.

Dr. Steve Borst
Crop Science General Manager,
Alltech
New developments in crop production — act now to avoid disappointment



Ty Yeast
Technical Manager,
Quantum Genetix, Canada
Early disease detection — the role of genomics in modern crop farming



Professor Adrian Newton
Professor of Cereal Pathology,
James Hutton Institute, Dundee, U.K.
Innovative platforms for sustainable crop production



Dr. Mark Gaffney
Research Project Manager,
Alltech European Bioscience Centre,
Ireland
Empowering plants to defend themselves



Pedro Palazon
Technical Director,
Ideagro, Spain
The importance of soil and crop health for intensive commercial production



Cody Eubanks
Specialty Product Manager,
JR Simplot, U.S.
Feeding tomorrow's world — the way nature intended



