



University of
Nottingham
Future Food

April news

Welcome to the latest newsletter from the Future Food Beacon.

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Prof David Salt is retiring

The Future Food symposium

Future Food news

Total Food 2022

News from the Food Innovation Centre

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Find out more about our work



Our Director, Prof David E. Salt, has announced his retirement. Read his letter of thanks, and a summary of the Future Food Beacon achievements under his leadership over on [our blog](#).

Booking open for the Future Food Symposium



Future Food Symposium

14-15 September 2022 Nottingham
Contemporary

Join us for two days of discussion on the future of food systems. Sessions include:

- Computer Driven Innovation
- Net Zero Food Systems
- Healthy Diets
- Regenerative Agriculture
- Alternative Protein
- Cultivated Meat
- Emerging Topics

Future Food News

Congratulations to Dr Anne Touboulis, Prof Richard Hyde, and Dr Lucy McCarthy who have been awarded a British Academy small grant to investigate the 'hidden' relationships underpinning the narratives of 'food safety'. The project is titled: **A critical narrative approach to food safety in the UK: A (hi)story of milk.**

Dr Tania Dottorini has been awarded funding from BBSRC for a project titled: **Fighting Infection and AMR in broiler farming: artificial intelligence, omics and smart sensing for diagnostics, forecasting, treatment selection and gut microbiome improvement.**

PhD candidate Ika Nurziah won the oral presentation prize at the online Avian Research Symposium 2022. Ika is part of the Graduate Centre for International Agriculture PhD scheme, in partnership with Rothamsted Research. Her project is titled: Plant-based vaccines for prevention of poultry viral diseases: Newcastle disease.

Born out of pandemic necessity, PhD candidate Karla Hernandez-Aguilar's Maya Milpa calendar is both a research tool and a celebration of the important Milpa system. You can download a copy of the 2022 calendar [on our website](#).

Over on our blog, we talk to [Noriane Cochetel](#), a PhD candidate with the Future Proteins Platform. Noriane is investigating the digestibility of alternative protein sources for animal feeds.

Food Innovation Centre news

Food Innovation Centre experts share sensory science knowledge

Experts at the Food Innovation Centre at the University of Nottingham can support small and medium-sized food and drink producers in Derbyshire and Nottinghamshire with a range of matters including NPD, packaging, sustainability and a whole lot more. The team can also arrange bespoke sessions to tackle specific issues.

Nottingham-based food manufacturer and cashew champion Origin Kitchen recently called on the expertise of the Food Innovation Centre by taking part in a sensory science workshop to help staff learn about sensory science and how sensory descriptive profiling can be used to provide accurate descriptions of their products' sensory properties. This allows for better communication about the products – with each other and with consumers. The workshop involved some theory and a demo of how to set up and carry out a descriptive profiling session, using some of Origin Kitchen's own products to create a lexicon of descriptors.

Visit the [Food Innovation Centre](#) website for more insight into the services offered by the team.



Upcoming Future Food events

29 June, 1pm (online)

[At risk of food poverty index](#), Dr Sinead Furey, Ulster University

18 May, 10am-4pm

[Fascination of Plants Day](#), Sutton Bonington Campus

14-15 September 2022

[Future Food Symposium](#), Nottingham Contemporary

Other talks, conferences and seminars

26 April

[Engaging with policy in the Global South](#), Nottingham

3-5 May

[Forum for Global Challenges](#), Birmingham

9-12 June

[Conference on Food, Sustainability, and the Environment](#), The Umbra Institute, Perugia, Italy

12-15 July

[Nutrition Society Summer conference](#), Sheffield

13-14 July

[Total Food 2022: Maximising value from the food chain](#), Nottingham

5-7 September

[British Society for Population Studies annual conference](#), University of Winchester
(strand on food systems & food (in)security)

Publications from Future Food

A new study by Prof Festo Massawe, Dr Sean Mayes and colleagues investigates [natural genotypic variation in Bambara groundnut](#) to identify adaptive differences in tap root length (TRL) and root length density (RLD) in response to drought stress.

Using legacy soil information for agricultural research and development can help in places where new soil information is limited due to the cost of soil surveys. However, there are limitations to this approach. A new paper from Prof Murray Lark and colleagues explores the case of [soil maps in Zambia](#).

A paper from Dr Tania Dottorini and others shows the connections between animals, humans and environments in antibiotic resistance, providing insight into the [broader epidemiology of antimicrobial resistance in livestock farming](#).

PhD candidate Ika Nurziah leads a paper in journal *Vaccines* on the [development of plant-based vaccines for diseases in poultry](#), including avian flu and Newcastle disease.

Colleagues from UNMC have published in *Sustainability* on [waste management methods](#) for food waste, using Malaysia as a case study.

A new meta-analysis of all relevant studies concerning [the environmental impact of oil crop production](#) has been published in *Science of the Total Environment*. Led by Dr Thomas Alcock, the study reveals the extent of greenhouse gas (GHG) emissions caused by vegetable oil production.

Find out more

Find out more about the Future Food Beacon and how you can work with us on [our website](#). Stories about our researchers and our research can be found [on our blog](#).

To tell us your news, share conference registrations or

Lexi Earl, Outreach and Engagement Manager, Future Food Beacon



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