

June news

Welcome to the latest newsletter from the Future Food Beacon.

In this edition:

Who are Future Food?

Last month we featured the latest paper from the Geonutrition team, published in [Nature](#). This month, colleagues explain the role statistics has played in the project.

Join a Future Food Beacon study!

Watch us build some rhizotrons

News from the Food Innovation Centre

Future Food news

From the Future Food blog

Upcoming talks, seminars and conferences

Selected publications

Who are we?

We are an open, research cluster exploring ways to feed a growing population sustainably within a changing environment. The University of Nottingham has over 250 researchers working on questions across the food system, spanning five faculties. The Future Food Beacon focuses this breadth and depth of expertise to generate transdisciplinary solutions to questions of future food security.

Want to work with us? [Click here](#)!



Ever wondered how statisticians contribute to research projects on agriculture? Murray Lark, Christopher Chagumaira and Alice Milne [explain their role](#) in the GeoNutrition project, and their work for [the latest paper](#).



Opportunity to participate in pioneering MRI research!

Dr Sally Eldeghaidy, Anne McLaren Research Fellow with the Future Food Beacon, is [looking for volunteers](#) for her new study investigating how the brain and gut interact after consuming foods high in fat and carbohydrate.



Building a rhizotron system: time-lapse

Watch Jon Atkinson's time-lapse video of the rhizotron build! Then learn more about [the growing power of the rhizotrons](#) in our blog.

Food Innovation Centre news

One third of all food produced globally ends up as waste, equating to millions of tonnes every year. [The Food Innovation Centre](#) at the University of Nottingham has turned the spotlight on this issue in its latest factsheet.

Designed to help SMEs in the food and drink sector cut their waste, the [Food Waste Management and Valorisation factsheet](#) features useful information on the benefits of reducing waste, including how to calculate the cost of waste, supply chain risks, how it can affect customer satisfaction, the environmental issues, and the legal and policy case.



Future Food News



Congratulations to Future Food leadership team member, Dr Tania Dottorini on her [new publication](#) from the FarmWatch project.

From the Future Food blog

Our final two blogs in May celebrated the [GeoNutrition project's Nature](#) paper and the roles that [Beacon statisticians Murray Lark and Christopher Chagumaira](#) have played in the success of the project.

We published a blog to mark [World Food Safety Day on 7 June](#).

Future Proteins Platform PhD candidate, Niki Tsoutsoura, writes about [her experience presenting](#) at Pint of Science in Greece. (Virtually, of course).

Upcoming talks, seminars and conferences

JUNE

15-16 June

[OFIC 2021](#) - Oils and Fats International Congress

15-17 June

[Future Food Beacon Briefings - 10:30 to 12:30 via MS Teams](#)

[Tue 15th Jun 10:30am - 12:30pm](#)

[Wed 16th Jun 10:30am - 12:30pm](#)

[Thu 17th Jun 10:30am - 12:30pm](#)

16 June

[A pig is not a mouse](#), Professor Ramiro Alberio, Professor of Developmental Biology, Animal Sciences (UoN only via MS Teams, with apologies) 14.00

[Insect protein - innovation and collaboration opportunities for Africa and the UK](#) 09.30 - 13.00

21 June

Bioscience Research Webinar [Enhancing your research portfolio through diversification of funding sources](#) 13:00

21-23 June

[Food & food systems in a time of insecurity conference](#) (online)

JULY

21 July

Association of [ADRB2 rs1042713](#) with obesity and obesity-related phenotypes and its interaction with dietary fat in modulating glycaemic indices in Malaysian adults by Dr Soma Mitra, UoN Malaysia Campus (UoN only via MS Teams, with apologies) 10.00

New publications from Future Food

Futureproofing agricultural systems

[Whole-Genome Sequencing and Machine Learning Analysis of Staphylococcus aureus from Multiple Heterogeneous Sources in China Reveals Common Genetic Traits of Antimicrobial Resistance](#) Wang et al (2021)

[Polyploidy underlies co-opting and diversification of biosynthetic triterpene pathways in the apple tribe](#) Su et al (2021)

[Plant gathering and people-environment interactions at Epipalaeolithic Kharaneh IV, Jordan](#) Bode et al (2021)

Food for health

[The nutritional quality of cereals varies geospatially in Ethiopia and Malawi](#) Gashu et al (2021)

[Communicating uncertainties in spatial predictions of grain micronutrient content](#) Chagumaira et al (2021)

[Combined innovation in public policy, the private sector and culture can drive sustainability transitions in food systems](#) Moberg et al (2021)

Food for sustainable livelihoods

[Extraction of protein from food waste: An overview of current status and opportunities](#) Kamal et al (2021)

[Role of novel protein sources in sustainably meeting future global requirements](#) Salter and Lopez-Viso (2021)

To tell us your news, share conference registrations or abstract opportunities, as well as any food-related reading please email:

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