



BioTuesday Babraham, Cambridge

Start Date: Tuesday, February 12, 2019

5:30 PM

End Date: Tuesday, February 12, 2019 9:30 PM

What's New in Microbiome Research

The balance of the gut microbiome has a huge impact on our general well-being and overall health, and this special edition BioTuesday will provide a summary of the latest trends, research and industry thinking about this fascinating topic, including:

How new research led by a team at the European Molecular Biology Laboratory (EMBL) in Germany suggests that more than 200 non-antibiotic medicines with human-cell targets, from anti-inflammatory drugs to antipsychotic compounds, can also trigger significant changes in the gut microbiome

How microbiome characteristics can predict people's traits, such as cholesterol levels or obesity

How particular microbes and molecular processes help to maintain health in the human microbiome and the link it has to mental and neurological disorders

How the balance of the gut microbiome is greatly affected by diet and has the potential to unlock a variety of clinically relevant opportunities

The evening will feature presentations from a range of expert industry experts including:

Professor Ian Charles , Director at the Quadram Institute, who specialise in understanding how food and the gut microbiota are linked to the promotion of health and the prevention of disease

Professor Glenn Gibson , Head of Food Microbial Sciences at the University of Reading, whose current research includes, chronic gut disease, autism, obesity, gut flora development microbiology, probiotics and prebiotics.

Denise Kelly , Microbiome specialist and Venture Partner at Seventure, who finance the development of innovative companies within Life sciences, with a particular focus on the microbiome space

Edward Green , CEO at CHAIN Biotechnology who develop Clostridium -based microbial technology for high-value healthcare products

Mike Romanos , CEO at Microbiotica; who identify gut bacteria linked to phenotype with unprecedented precision in order to discover and develop live bacterial therapeutics and biomarkers

Dmitry Alexeev, RnD Director at Atlas Biomed -Dmitry will share an insight for Atlas Biomed into their 'Listen to Your Gut' Microbiome test where results show how diet affects your gut bacteria

Venue

The Petersfield Lecture Theatre, Babraham Research Campus, Cambridge, CB22 3AT

Tickets