TRANSLATING THE MICROBIOME INTO MEDICINE: IS IT A QUESTION OF CULTURE?

Professor Mark Morrison  
Chair, Microbial Biology and Metagenomics  
Diamantina Institute, University of Queensland

Professor Mark Morrison joined the Diamantina Institute in October 2013 as Chair and Group Leader in Microbial Biology and Metagenomics. Prior to that, he spent nearly 20 years working in US academia, before returning to Australia in 2006 as a Science Leader with CSIRO. In that capacity, he served as the leader of the “Gut Health” research stream for their Preventative Health Flagship Research Program, and also as one of the five CSIRO Capability Platform leaders (in Transformational Biology). His research group emphasizes the combined use of "omics" technologies with fundamental microbiological approaches to produce new insights into the microbiota that reside within the gastrointestinal tract. His group seeks to better integrate characteristics of the gastrointestinal microbiome to improve the diagnosis and treatment of gastrointestinal and related metabolic diseases.

Professor Morrison will present an overview of the emerging knowledge of the duodenal microbiota, which is dynamic in diversity and size but resident and site-specific, rather than transient and opportunistic. He will also introduce the “Brisbane approach" to building a conceptual framework of the role of the microbiota in the clinical manifestation of functional dyspepsia and related syndromes. The Brisbane approach integrates genomic and biotic approaches with clinical and psychometric assessments of patients, and by doing so, provides new opportunities to better diagnose and treat patients suffering from functional GI disorders.

Date: Thursday 17th May 2018  
Time: 1 - 2 PM  
Location: Jenny Short Room (new venue!)  
Research & Education Centre, St George Hospital  
Level 2, 4 – 10 South St, Kogarah  
Light refreshments will be provided  
www.stgcs.med.unsw.edu.au/ripm

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