



Annual Research Day

13th December 2019, Human Biology Building



Elaine Murray
Ulster University



Peter Ponsaerts
University of Antwerp, Belgium



Siobhain O'Mahony
University College Cork



Discussion with
Gerry Loughnane

DBS in
Parkinson's Disease



Screening of
Mood Atlas

Short Oral Presentations and Poster Presentation by GNC members

Q&A with Dara Cannon



Elaine Murray
Ulster University

Methylome profiling of young adults with depression supports link with immune response.

Dr Elaine Murray is a Lecturer in Stratified Medicine (Mental Health) at Ulster University. Elaine's current research focuses on identifying novel biomarkers to improve diagnosis and treatment of psychiatric disorders.



Siobhain O'Mahony
University College Cork

The Microbiome-Gut-Brain Axis in Health and Disease

Siobhain O' Mahony is a Senior Lecturer and Principal Investigator in the Department of Anatomy and Neuroscience and faculty member of APC Microbiome Ireland, UCC. Siobhain's main research areas assess outcomes of adverse events during pregnancy and the first 1000 days of life in particular the disruption of the developing gut microbiota and how this can lead to the miscommunication within the brain-gut-microbiota axis.



Peter Ponsaerts
University of Antwerp, Belgium

Study and modulation of microglia and macrophage immune responses during neuroinflammatory events: animal models versus iPSC-derived cell culture models

Peter Ponsaerts is a professor in the Laboratory of Experimental Hematology (LEH) at the University of Antwerp UA. The main research questions his team addresses are whether and how immunomodulating cell or gene therapeutic approaches can influence both microglia and macrophage immune responses during inflammatory events in the central nervous system.