

2019 Research Awards

Project Title:

Establishment of a microbiome bank to enable new probiotic treatment possibilities

Lead Investigator:

Professor Gerald Holtmann

Director of Gastroenterology and Hepatology
Clinician

PAH

Collaborative Project Team:

Prof Mark Morrison

Chair, Microbial Biology and Metagenics
Researcher

UQ DI

Prof Nancy Pachana

Professor, School of Psychology
Co-director, UQ Ageing Mind Initiative

Allied Health

UQ

Dr Anh Do

Senior Scientist
New Researcher

PAH

Dr Marcus Gray

Neuroscientist
Advanced Queensland Fellow

TRI

Professor Nicholas Talley, AC

Clinical Academic, PVC Global
Clinician

University of Newcastle, NSW

Project Summary:

The project aims to collect, identify and understand the microbes or bugs that exist in the gastrointestinal tract that are associated with a range of very common diseases including inflammatory diseases such as Crohn's disease, metabolic diseases such as diabetes and obesity and mental health conditions as well as determine what microbes or bugs are associated with health and living longer

Research Benefits:

The development of a biobank of microbes or bugs collected from patients and healthy people along with a database containing relevant clinical information will be an important resource for researchers to develop treatments that target specific microbes or bugs in the gastrointestinal tract. Targeting these bacteria may prevent specific diseases or improve the outcomes for patients already affected by diseases that are influenced by these microbes or bugs.



Dr Ayesha Shah

Junior Academic Gastroenterologist
New Researcher

PAH

A/Prof Graeme Macdonald

Senior Staff Specialist, Hepatology
Clinician

PAH

Dr Natasha Koloski

Research Manager
Researcher

PAH

Prof Mike Jones

Statistician, Associate Dean Research
Scientist

Macquarie University, NSW

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