

Brain-Gut-Microbiota Axis Research at APC Microbiome Ireland

The APC Brain-Gut-Microbiota Axis group seeks to examine the communication between the brain and the gut and how it can be influenced by the gastrointestinal microbiota.

- Diet and Exercise play an important role in maintaining a healthy microbiota. They can be used to modulate the composition and metabolism of the gut microbiota which can improve long-term health status. P
 - Prebiotics promote the growth of beneficial microorganisms in the intestines, while probiotics are live bacteria that have a beneficial effect in the prevention and treatment of diseases
- Psychobiotics include prebiotics, probiotics or any microbiome targeted intervention that supports brain health
- Faecal Microbiota Transplantation involves restoration of the colonic microflora by infroducing healthy bacterial flora through influsion of stool obtained from a healthy donor under medical supervision.

