

シグナル伝達医学講演会／大学院特別講義

# A Gut Feeling About the Brain: Role of Microbiome in Neurodevelopment & Behaviour

**John F. Cryan**

**Professor & Chair, Dept. of Anatomy & Neuroscience,  
University College Cork, Ireland**



2018年7月6日（金）16:00～17:30 神戸大学医学研究科研究棟B 2階共同会議室

Ever had a “gut feeling” about something? It turns out, the connection between our gut and our brain might be stronger than we think. Prof. John F. Cryan will share surprising facts and insights about how our thoughts and emotions are connected to our guts. Prof. Cryan shares his fascination with biomedicine and why it offers a perfect way to explore the interaction between the brain, gut and microbiome, and how this relationship applies to stress- and immune-related disorders such as depression, anxiety, irritable bowel syndrome, obesity, and neurodevelopmental disorders including autism.

## Biography

John F. Cryan is Professor & Chair, Dept. of Anatomy & Neuroscience, University College Cork, Ireland and is also a Principal Investigator at APC Microbiome Ireland. Prof. Cryan's current research is focused on understanding the interaction between brain, gut & microbiome and how it applies to stress, psychiatric and immune-related disorders at key time-windows across the lifespan. Prof. Cryan has published over 400 articles and has a H-index of 86 (Google scholar). He is co-author of the recently released bestseller “The Psychobiotic Revolution: Mood, Food, and the New Science of the Gut-Brain Connection” from National Geographic Press. He has received numerous awards including UCC Researcher of the Year in 2012, UCC Research Communicator of the Year 2017, the University of Utrecht Award for Excellence in Pharmaceutical Research in 2013 and being named on the Thomson Reuters Highly Cited Researcher list in 2014 and Clarivate Analytics Highly Cited Researcher list in 2017. He was elected a Member of the Royal Irish Academy in 2017. He also received a Research Mentor Award from the American Gastroenterology Association and the Tom Connor Distinguished Scientist Award from Neuroscience Ireland in 2017 and was awarded an honorary degree from the University of Antwerp, Belgium in 2018. He was a TEDMED speaker in 2014 and is currently President of the European Behavioural Pharmacology Society.

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