

## **Andras Lakatos MD PhD FRCP**

*Associate Professor  
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### **BIOGRAPHY**

Andras is an Associate Professor of Neurobiology and Clinical Neurology at the University of Cambridge and leads the Human Organoid Neurobiology research laboratory in the Department of Clinical Neurosciences. Over the past 10 years, he and his team have pioneered the development of human stem cell and 3D tissue (organoid) models, which have helped to uncover novel cellular and molecular mechanisms in both the healthy and diseased central nervous system, aiming to identify new treatment strategies for neurodegenerative diseases and injuries.

He has additional affiliations with the MRC-Wellcome Trust Cambridge Stem Cell Institute and Cambridge University Hospitals, where he conducts his clinical practice as a Consultant Neurologist. He co-leads the Translational Science Development Programme within the UK EXPERTS-ALS platform trial and serves as a Scientific Advisory Board member on several panels, including the Motor Neuron Disease Association and the International Spinal Research Trust. He is also a co-founder and Chief Scientific Officer of Replicam, a Cambridge-based biotechnology company with a mission to develop and distribute reproducible human CNS tissue chip models for compound screening, target engagement studies, and drug discovery.

He has received several prestigious awards, including the MRC Clinician Scientist Fellowship Award in 2017, the Alzheimer's Research UK David Hague Young Investigator of the Year Award in 2022, and the MRC Senior Clinical Fellowship Award in 2023. He is a Fellow of the Royal College of Physicians.