

Cambridge Biomedical Research Centre

Public Open Evening Programme

Thursday 1 November 2018

5:30pm – 8pm

Cambridge Cancer Research Institute, Li Ka Shing Centre

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- 5.30 pm **Registration, tea, coffee and nibbles**
- 6.00 pm **Welcome and overview to the Brain and Mind Health supertheme**
Professor Patrick Chinnery
- 6.10 pm **Neuroscience research**
Professor Patrick Chinnery, NIHR Cambridge BRC Theme Lead for Neuroscience
- 6.25 pm **Mental Health research**
Professor Ed Bullmore, NIHR Cambridge BRC Theme Lead for Mental Health
- 6.40 pm **Dementia research**
Professor John O'Brien, NIHR Cambridge BRC Professor of Old Age Psychiatry
- 6.55 pm **Panel Q & A session**
with Professor O'Brien, Professor Bullmore and Professor Chinnery
and compère Dr Amanda Stranks,
- 7.25 pm **Closing remarks**
- 7.30 pm **Exhibition stalls and networking with light refreshments**
- 8.00 pm **Event ends**

Thank you for coming and we hope you enjoy this evening

For **tweets** on the day please use the hashtag **#CBRC18**

www.cambridgebrc.nihr.ac.uk

Speakers' Biographies



Professor John O'Brien
NIHR Cambridge Biomedical Research Centre Professor of Old Age Psychiatry

John O'Brien is a leading figure in dementia research. He is the NIHR National Specialty Lead for Dementia and his research interests include the role of brain imaging and other biomarkers in the differential and early diagnosis of dementia of patients with Alzheimer's disease, Lewy Body dementia and vascular cognitive impairment.

As well as his dementia research, his other main research interest is in late-life depression, especially the role of vascular and inflammatory factors in precipitating and perpetuating depression in late-life and the ability of vascular interventions to improve or prevent depressive and cognitive symptoms.

John currently leads several research programmes, including a NIHR programme on improving the diagnosis and management of Lewy Body dementia.



Professor Ed Bullmore
NIHR Cambridge Biomedical Research Centre Theme Lead for Mental Health

Ed Bullmore is Head of the Department of Psychiatry at the Behavioural and Clinical Neuroscience Institute. His initially research focused on mathematical analysis of neurophysiological data to characterise brain abnormalities in patients with psychiatric disorders, to help measure and evaluate the effects of psychoactive drugs.

Since moving to Cambridge in 1999, his interest in human brain function and structure and has increasingly focused on complex brain networks identified in MRI and other brain scanning data.

Ed is also interested in better neuroscientific understanding and treatment of psychiatric disorders. He works half-time for GSK, leading a group focused on immunological mechanisms and therapeutics for mood disorders.



Professor Patrick Chinnery
NIHR Cambridge Biomedical Research Centre Theme Lead for Neuroscience

Patrick Chinnery is Professor of Neurology and Head of the Department of Clinical Neurosciences at the University of Cambridge. He is co-chair of the NIHR BioResource for Translational Research in Common and Rare Diseases.

Patrick qualified in medicine in Newcastle in 1992, trained in clinical neurology and developed a research programme studying the genetic basis of rare mitochondrial disorders, leading to new treatment trials for this group of diseases.

His laboratory is based in the MRC Mitochondrial Biology Unit on the Cambridge Biomedical Campus where he continues to study the inheritance of rare mitochondrial diseases and their treatment. Patrick has recently been awarded a prestigious Wellcome Trust Principal Research Fellowship.



Dr Amanda Stranks
Patient and Public Involvement/Engagement and Communications Strategy Lead
NIHR Cambridge Biomedical Research Centre.

Prior to this role, Amanda held research fellowships at Boston Children's Hospital/Harvard Medical School and the Jenner Institute at the University of Oxford, and she recently completed an MPhil in Public Health at the University of Cambridge.

During her MPhil studies, Amanda developed an interest in the communication of research and how the public experiences and understands the research undertaken by scientists and clinicians. She hopes to improve the accessibility of the world-class research undertaken on the Cambridge Biomedical Campus and foster connections between its clinicians and scientists and members of the public who would like to be more involved in research.