



Oxford Autumn School in Neuroscience 2021

Thursday 30th September

Registration Link

https://us06web.zoom.us/webinar/register/WN_dpceNbCDSiqJbhGDfrjVSg

10.00 **Welcome**, Professor Masud Husain, Chair Oxford Autumn School in Neuroscience

Looking back; looking forwards

10.05 – 10.25 Professor John Geddes, Department of Psychiatry, University of Oxford
Depression during a pandemic: an unsystematic review

10.25 – 10.55 Dr Beata Godlewska, Department of Psychiatry, University of Oxford
A long road to understanding depression: have we finally arrived?

10.55 – 11.15 Professor Zoltan Molnar, Department of Physiology, Anatomy, and Genetics, University of Oxford
The anatomy of the brain and nerves by Thomas Willis

11.15 – 11.35 Dr Michele Veldsman, Department of Experimental Psychology, University of Oxford.
MRI markers of vascular cognitive impairment in ageing and cerebrovascular disease

11.35 – 11.45 Break

11.45 – 12.25 Professor Dick Passingham, Emeritus Professor of Cognitive Neuroscience
50 years of Experimental Psychology in Oxford

12.25 – 13.00 Lunch Break

Dementia Research Oxford

13.00 – 13.40 Professor Noel Buckley, Department of Psychiatry, University of Oxford
Modelling Alzheimer's in a dish – how far have we come?

13.40 – 14.20 Dr Sana Suri, Department of Psychiatry, University of Oxford
Can we prevent dementia? A look at the current challenges and ways forward

14.20 – 15.00 Dr Sally Cowley, Sir William Dunn School of Pathology, University of Oxford
The role of microglia in neuroinflammation in neurodegenerative disease

15.00 – 15.40 Assoc. Professor Gwenaëlle Douaud, Nuffield Dept. of Clinical Neurosciences, University of Oxford
Neuroimaging in dementia: what can it tell us in small and big datasets?





Friday 1st October

Registration Link

https://us06web.zoom.us/webinar/register/WN_ZtQd3UYUSn6qdJG-Eqzo7Q

Finding a piece of the action: diverse influences on the control of behaviour

Chair: Professor Andrew Sharott, MRC Brain Network Dynamics Unit, University of Oxford

09.30 - 10.10 Professor Ian Duguid, Centre for Discovery Brain Sciences, University of Edinburgh

Thalamocortical circuits in voluntary motor control

10.10 - 10.50 Dr Chunyu Ann Duan, Sainsbury Wellcome Centre, University College London

Cortico-collicular circuits for flexible control of action

10.50 – 11.00 Break

11.00 – 11.40 Professor Andrew Sharott, MRC Brain Network Dynamics Unit, University of Oxford

Closed-loop control of cortico-basal ganglia oscillations and locomotion

11.40 - 12.20 Professor Clare Press, Wellcome Centre for Human Neuroimaging, UCL

The synergistic relationship between action and perception

12.20 - 13.00 Lunch Break

COVID-19 and the CNS

13.00 - 13.40 Dr Maxime Taquet, Department of Psychiatry, University of Oxford

Neurological and psychiatric sequelae of COVID-19: a study of 236,379 survivors

13.40 - 14.20 Assoc. Professor, Polly Waite, Depts. of Experimental Psychology and Psychiatry University of Oxford

Children and young people's mental health throughout the COVID-19 pandemic: Insights from the Co-SPACE study

14.20 - 14.30 Break

14.30 - 15.10 Dr Avindra Nath, National Institute of Neurological Disorders and Stroke, USA

Neuropathogenesis of Coronaviruses

15.10 - 15.50 Dr Athena Akrami, Sainsbury Wellcome Centre, University College London

Neurological manifestations in Long COVID

15.50 - 16.00 Closing remarks

