

11th Annual Oxford Neuroscience Symposium 25 March 2020

Mathematical Institute, Andrew Wiles Building, University of Oxford

08.15	Registration opens
09.00	Welcome Prof. Kia Nobre, Chair, Oxford Neuroscience Strategy Committee
	Session 1 Chair: Professor Richard Wade-Martins, Dept. of Physiology, Anatomy and Genetics
09.10	Confidence and adaptive decision making Prof. Nick Yeung, Dept. of Experimental Psychology
09.30	Neuroimmunity in Obesity Assoc Prof. Ana Domingos, Dept. of Physiology, Anatomy and Genetics
09.50	Brain stem cell niches - from mechanism to translation Assoc Prof. Francis Szele, Dept. of Physiology, Anatomy and Genetics
10.10	Industry Talk - human ipsi cell driven drug discovery Dr. Ceri Davies. Head of CNS Drug Discovery Unit, Takeda Pharmaceuticals
10.30	Coffee
	Session 2 Chair: Professor Holly Bridge, Nuffield Dept. of Clinical Neurosciences
11.20	Development of alpha-synuclein seeding assay as an early, progression and stratifying biomarker for Parkinson's disease Assoc. Prof. Laura Parkkinen, Nuffield Dept. of Clinical Neurosciences
11.40	Can you predict suicide in people with mental illness? Prof. Seena Fazel, Dept. of Psychiatry
12.00	Developing closed-loop neuromodulation for brain disorders Assoc. Prof. Andrew Sharrot, Dept. of Pharmacology
12.20	Understanding the many faces of Obsessive Compulsive Disorder Prof. Paul Salkovskis, Dept. of Experimental Psychology
12.40	Lunch Elsevier Publishing Workshop 13.10 – 14.00 Lecture Theatre 2
	Session 3 Rapid Fire Talks Chair: Associate Professor Grant Churchill, Department of Pharmacology
14.10	Visual perception deficits after stroke Dr. Kathleen Vancleef, Dept. of Experimental Psychology
14.15	Investigating lymphoid sources of antigen-specific cells in NMDAR-antibody encephalitis Dr. Adam Al-Diwani, Nuffield Dept. of Clinical Neurosciences/Dept. of Psychiatry
14.20	Small molecule modulators of circadian rhythm for treating metabolic disorders Dr. Sridhar Vasudevan, Dept. of Pharmacology
14.25	The neural mechanisms of prospection, motivation and awareness during reward-guided choice Dr. Nils Kolling, Dept. of Psychiatry
14.30	Interfacing with the Brain for Therapy Dr. Huiling Tan, Nuffield Dept. of Clinical Neurosciences
14.35	Alcohol and brain health Dr. Anya Topiwala, Nuffield Department of Population Health, Big Data Institute

14.40	iPSC - derived dopaminergic neurons reveal LRRK2 mutations impair clathrin mediated endocytosis Dr. Natalie Connor-Robson, Dept. of Physiology, Anatomy and Genetics
14.45	A normative theory of hippocampal-neocortical interactions during learning Dr. Andrew Saxe, Dept. of Experimental Psychology
14.50	Coffee
	Session 4 Chair: Professor Rebecca Slater, Dept. of Paediatrics
15.40	Preventing cerebrovascular disease: bedside to bedside translational research Prof. Peter Rothwell, Nuffield Department of Clinical Neurosciences
16.00	Virtual Reality in the treatment of mental health disorders Prof. Daniel Freeman, Dept. of Psychiatry
16.20	Awards Presentation - Prof. Kia Nobre
16.40	Guest Lecture – Whose pain is it anyway? Professor Maria Fitzgerald, Department of Neuroscience, Physiology & Pharmacology, University College London
17.30	Drinks Reception