

11th Annual Oxford Neuroscience Symposium 24 March 2021

Online: Zoom link will be sent to registered delegates

09.00	Welcome Prof. Kia Nobre, Chair, Oxford Neuroscience Strategy Committee
	Session 1: Pain Chair: Professor Rebecca Slater, Dept. of Paediatrics
09.10	Bridge the gap: Using translational sciences to improve our understanding of neuropathic pain Associate Prof. Annina Schmid, Nuffield Dept. of Clinical Neurosciences
09.30	Unravelling Pain in the Brain Dr Ben Seymour, Nuffield Dept. of Clinical Neurosciences
09.50	Neurosurgery in the management of terminal cancer pain Prof. Tipu Aziz, Nuffield Dept. of Clinical Neurosciences
10.10	Looking outside the pelvis: using neuroscience to better understand endometriosis-associated pain Assoc Prof. Katy Vincent, Nuffield Dept. of Women's and Reproductive Health
10.15	Assessing pain perception under general anaesthesia Jostein Holmgren, Nuffield Dept. of Clinical Neurosciences
10.20	Improving the measurement of neonatal pain Maria Cobo, Dept. of Paediatrics
10.25	Autoantibodies and pain Dr John Dawes, Nuffield Dept. of Clinical Neurosciences
10.30	Break
	Session 2; Computational Neuroscience Chair: Professor Timothy Behrens, Nuffield Dept. of Clinical Neurosciences
10.40	Systems consolidation of memory: Learning structure from experience in an uncertain world Assoc. Prof. Andrew Saxe, Dept. of Experimental Psychology
11.00	Learning reward uncertainty in the basal ganglia Prof Rafal Bogacz, MRC Brain Network Dynamics Unit
11.20	Stimulating at the right time Assoc. Prof. Hayriye Cagnan, MRC Brain Network Dynamics Unit
11.40	Understanding neural representations with the help of deep learning Dr James Whittington, Nuffield Dept. of Clinical Neurosciences
11.45	Computational perspectives on NMDA receptor antagonism in psychiatry Dr Lilian Weber, Dept. of Psychiatry
11.50	Neural structure alignment in brains and recurrent networks Dr Hannah Sheahan, Dept. of Experimental Psychology
11.55	Lunch Break
	Session 3 Developmental Neuroscience Chair: Dr Anna Hoerder-Suabedissen, Dept. of Physiology Anatomy and Genetics
12.30	Did your brain develop normally? A role for transient circuits in cortical development Assoc. Prof. Simon Butt, Dept. of Physiology Anatomy and Genetics

12.50	Language development and brain reorganization in a child born without the left hemisphere Dr Salomi Asaridou, Dept. of Experimental Psychology
13.10	Linking neurodevelopment and neurodegeneration - lessons from epileptogenic human cortex Assoc. Prof. Arjune Sen, Nuffield Dept. of Clinical Neurosciences
13.30	Bioengineering iPSCs derived neural tissues with 3D patterns Dr Linna Zhou, Nuffield Department of Medicine
13.35	Disrupting oligodendrogenesis in adult mice leads to behavioural, structural, electrophysiological alterations Dr Malte Kaller, Nuffield Dept. of Clinical Neurosciences
13.40	Function of GABAergic networks in developing mouse visual cortex Filippo Ghezzi, Dept. of Physiology Anatomy and Genetics
13.45	Break
	Session 4: 400th Anniversary Celebrations Chair: Prof. John Geddes, Dept of Psychiatry
14.00	On the 400th anniversary of the birth of Thomas Willis, the founder of clinical neurology Prof. Zoltán Molnár, Dept. of Physiology Anatomy and Genetics
14.30	Anatomizing Melancholy in 1621 Dr Kathryn Murphy, Faculty of English
15.00	Closing Remarks Prof. Kia Nobre, Chair, Oxford Neuroscience Strategy Committee