BRAIN | The Conference

March 4-5th 2021 Online

Each day is composed of Topic Sessions running parallel in two streams. Each Topic Session contains 3 invited talks - a clinical Teaching talk, a Basic Science Research presentation and a Translational Research presentation. Each Topic Session will also feature 2 'data blitz' presentations selected from submitted abstracts.

All times are GMT.

Thursday 4th March 2021
Day One

1000	**WELCOME & INTRODUCTION** Dimitri Kullmann, Masud Husain, Anne Rosser, David Sharp	
1020	**COGNITIVE** Chair: Masud Husain *Teaching talk:* Executive functions and the Dysexecutive syndrome (Masud Husain) Basic Research presentation: Neural and physiological correlates of social cognition: From the lab to the clinic (Fiona Kumfor) *Translational Research presentation:* Apathy and impulsivity (James Rowe)	**NEUROGENETICS** Chair: Nicholas Wood *Teaching talk*: TBC *Basic Research presentation:* TBC *Translational Research presentation:* TBC
1140	**Break**	
1200	**EPILEPSY** Chair: Dimitri Kullmann *Teaching talk:* Clinical and molecular genetics of epilepsies and the push to precision medicine (Sam Berkovic) *Basic Research presentation:* Neurophysiology at the ictal transition: summary of evidence from human and animal recordings (Catherine Schevon) *Translational Research presentation:* Gene therapy for focal epilepsy; the path to translation (Matthew Walker)	**NEURODEGENERATIVE** Chair: Anne Rosser and Sarah Tabrizi *Teaching talk:* Genomic analyses of neurodegenerative diseases (John Hardy) *Basic Research presentation:* The cellular phase of Alzheimer's disease (Bart de Strooper) *Translational Research presentation:* New Genetic Therapies for Huntington's disease (Sarah Tabrizi)
1320	**Break**	

1340	**HEADACHE** Chair: Peter Goadsby *Teaching talk:* Using the Neurobiology of Migraine to take a better history: premonitory symptoms (Peter Goadsby) *Basic Research presentation:* Medication overuse headache. From bedside to bench and back again (Philip Holland) *Translational Research presentation:* Personalized migraine attack prediction and phase definition using a multidimensional approach (Patricia Pozo-Roisch)	**TRAUMATIC BRAIN INJURY** Chair: David Sharp *Teaching talk:* TBC (David Sharp) *Basic Research presentation:* The far-reaching scope of neuroinflammation following traumatic brain injury (David Loane) *Translational Research presentation:* TBC
1500	**Close**	

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Friday 5th March 2021
Day Two

1300	**BRAIN Editorship Handover Ceremony** - Dimitri Kullmann & Masud Husain **"A History of BRAIN"** - Alistair Compston	
1345	**NERVE** Chair: Mary Reilly *Teaching talk:* Approach to diagnosing inherited neuropathies in 2021 (Mary Reilly) *Basic Research presentation:* New insights into neuropathic pain (David Bennett) *Translational Research presentation:* Auto-antibodies in immune mediated neuropathies (Luis Querol)	**STROKE** Chair: *TBC* Teaching talk: Basic Research presentation: Translational Research presentation:
1505	**Break**	
1520	**NEUROINFLAMMATION/ MS** Chair: Olga Ciccarelli *Teaching talk:* Latest management of MS, including targeted B-cell therapies (Jeffrey Bennett) *Basic Research presentation:* The role of astrocyte in remyelination (Veronique Miron) *Translational Research presentation:* Myelin oligodendrocyte glycoprotein (MOG) antibody associated disease (E. Ann Yeh)	**MOVEMENT DISORDERS** Chair: Anette Schrag *Teaching talk:* Management of Parkinson's disease (Tony Lang) *Basic Research presentation:* Implications of genetics for pathophysiology of Parkinson's disease (Anthony Schapira) *Translational Research presentation:* Role of the immune system in Parkinson's Disease (Malu Tansey)
1640	**Break**	

1700	**NEUROINFECTION** Chair: Tom Solomon *Teaching talk:* Clinical Approach to Patients with Suspected Encephalitis (Nick Davies) *Basic Research presentation:* Disease Mechanisms in Encephalitis (Benedict Michael) *Translational Research presentation:* Emerging Causes of Brain Infection (Tom Solomon)	**NEUROPSYCHIATRY of PAIN** Chair: Paul Fletcher *Teaching talk:* TBC (Lauren Atlas) *Basic Research presentation:* Understanding the neural and computational basis of pain: inference, learning and adaptive control (Flavia Mancini) *Translational Research presentation:* TBC (Apkar V Apkarian)
1820	**Break**	
1840	**COVID NEUROLOGY** Chair: Michael Zandi *Teaching talk:* Immunology of COVID19 (TBC) *Basic Research presentation:* Pathology of COVID19 (TBC) *Translational Research presentation:* Cognitive aspects of COVID19 (Anna Nordvig)	**MUSCLE** Chair: Michael Hanna *Teaching talk:* muscle channelopathies 2021- clinical, genetic and management considerations (Mike Hanna) *Basic Research presentation:* The origins of mitochondrial DNA mutations and implications for muscle diseases (Patrick Chinnery) *Translational Research presentation:* TBC
1955	**Conference Close**	