

Liverpool Neuroscience Day 2018

Friday 15th June 2018

John Lennon Art and Design Building - Liverpool John Moores University
2 Duckinfield St, Liverpool L3 5RD

08:45 Registration

Meeting Open & Intimations

09:15 Welcome

09:30 **Session 1 - Pain & Peripheral Nervous Systems**
Chair: Francis McGlone, Liverpool John Moores University
Sponsor: *The Pain Relief Foundation*



David Moore Liverpool John Moores University	Cognitive interruption by pain in acute and chronic states.
James Holt The Walton Centre	TONiC-NM, a quality of life study of patients with neuromuscular disease
Christopher Brown University of Liverpool	Towards EEG-based neurodiagnostics and neurotherapies for chronic pain
Andreas Goebel Liverpool Pain Research Institute	The successful passive immunoglobulin G transfer of chronic pain and how this will change our clinical practice.
Andrew Marshall Liverpool John Moores University	What is a nociceptor?

10:45 Break

11:05 **Plenary - Professor Joe Herbert, University of Cambridge**
Depression In Adolescence: Incidence, Mechanisms, Consequences
Introduced by Susannah Walker, Liverpool John Moores University

12:05 **Data Blitz 1**
Chair: John Quinn, University of Liverpool

Caroline Amy Staunton University of Liverpool	Novel intravital assessment of muscle cytosol H2O2 content supports a key role for motor unit remodelling in sarcopenia.
Chrysanthi Fergani Liverpool John Moores University	NKB/NK3R Signaling in the Amygdala Stimulates Gonadotropin Release in a Kisspeptin-Independent, Estradiol-Dependent Manner.
Rachel Sellick University of Liverpool	Free-water diffusion imaging of subcortical grey matter in refractory temporal lobe epilepsy (TLE): postoperative outcomes.
John Dearden Liverpool John Moores University	Prediction of human lethality of psychoactive drugs from rodent LD50 values.
Ann-Kathrin Johnen Liverpool Hope University	The effects of varying predictability on affective picture processing: An event-related potential (ERP) study.

12:35 Lunch & Poster Viewing

Preliminary Programme - Details Subject To Change

Session 2 - Techniques & Tools	
Chair: Tom Butts, University of Liverpool	
14:00	John Quinn University of Liverpool The role of non-LTR retrotransposon elements in neurodegenerative diseases
	Alan Morgan University of Liverpool Using non-mammalian model systems to understand neurological disease mechanisms and identify novel therapeutics
	Touraj Ehtazazi Liverpool John Moores University Smart Nanocarriers for Drug Delivery to the Brain
	Georg Meyer University of Liverpool Co-evolution of Speech and Tool Use?
	Laura Bonnett University of Liverpool Modelling Seizures in Epilepsy: What can statisticians do for epilepsy research?
	Stephen Fairclough Liverpool John Moores University fNIRS Research at LJMU

15:30 Break

Session 3 - The Central Nervous System	
Chair: Rhys Davies, The Walton Centre	
15:50	Ken Valyear Bangor University Grasping after hand replantation or transplantation.
	Benedict Michael University of Liverpool In the eye of the swarm- immune cell migration into the human brain
	Martin Wilby The Walton Centre Sciatic nerve research: from pain to spinal cord repair
	Paula Trotter Liverpool John Moores University The role of serotonin in affective touch perception: can affective touch promote resilience to depression?
	Davide Bruno Liverpool John Moores University Memory and Neurodegeneration: The importance of serial position

Data Blitz 2	
Chair: Mark Ellul, University of Liverpool	
17:05	Andrea Piovesan Liverpool John Moores University The effect of pain on memory for duration
	Euan Owen University of Liverpool Characterisation of NF-kB activation in regenerating fibres of old mice.
	Deborah Talamonti Liverpool John Moores University Memory Strategies & Ageing: differences for spatial and temporal clustering in episodic memory.
	Emma Price University of Liverpool Exploring the evolution of pain pathways in humans.
	Abdulrahman Eid Aloufi University of Liverpool Systematic eye movement training to predict the outcome from neuroimaging data at the initial stage of stroke treatment.

17:35 Closing Remarks & Thanks

17:45 Drinks Reception & Poster Session
Authors @ posters please. [Ends 18.45]

Preliminary Programme - Details Subject To Change
Refreshments & Lunch will be provided at the venue.

The JLAD Café, will be open 8am-3pm.

Public parking: Mount Pleasant Car Park, L3 5TB - 6 min. walk - Car park closes at 8pm.