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

09:15
Meeting Open & Intimations

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 H202 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**

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<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Topic</th>
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<tbody>
<tr>
<td>John Quinn</td>
<td>University of Liverpool</td>
<td>The role of non-LTR retrotransposon elements in neurodegenerative diseases</td>
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<tr>
<td>Alan Morgan</td>
<td>University of Liverpool</td>
<td>Using non-mammalian model systems to understand neurological disease mechanisms and identify novel therapeutics</td>
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<td>Touraj Ehtazazi</td>
<td>Liverpool John Moores University</td>
<td>Smart Nanocarriers for Drug Delivery to the Brain</td>
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<td>Georg Meyer</td>
<td>University of Liverpool</td>
<td>Co-evolution of Speech and Tool Use?</td>
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<td>Laura Bonnett</td>
<td>University of Liverpool</td>
<td>Modelling Seizures in Epilepsy: What can statisticians do for epilepsy research?</td>
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<td>Stephen Fairclough</td>
<td>Liverpool John Moores University</td>
<td>fNIRS Research at LJMU</td>
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**Break**

### Session 3 - The Central Nervous System
**Chair: Rhys Davies, The Walton Centre**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Ken Valyear</td>
<td>Bangor University</td>
<td>Grasping after hand replantation or transplantation.</td>
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<td>Benedict Michael</td>
<td>University of Liverpool</td>
<td>In the eye of the swarm-immune cell migration into the human brain</td>
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<td>Martin Wilby</td>
<td>The Walton Centre</td>
<td>Sciatic nerve research: from pain to spinal cord repair</td>
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<tr>
<td>Paula Trotter</td>
<td>Liverpool John Moores University</td>
<td>The role of serotonin in affective touch perception: can affective touch promote resilience to depression?</td>
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<td>Davide Bruno</td>
<td>Liverpool John Moores University</td>
<td>Memory and Neurodegeneration: The importance of serial position</td>
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### Data Blitz 2
**Chair: Mark Ellul, University of Liverpool**

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<tr>
<th>Name</th>
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<tr>
<td>Andrea Piovesan</td>
<td>Liverpool John Moores University</td>
<td>The effect of pain on memory for duration</td>
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<tr>
<td>Euan Owen</td>
<td>University of Liverpool</td>
<td>Characterisation of NF-kB activation in regenerating fibres of old mice.</td>
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<td>Deborah Talamonti</td>
<td>Liverpool John Moores University</td>
<td>Memory Strategies &amp; Ageing: differences for spatial and temporal clustering in episodic memory.</td>
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<td>Emma Price</td>
<td>University of Liverpool</td>
<td>Exploring the evolution of pain pathways in humans.</td>
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<td>Abdulrahman Eid Aloufi</td>
<td>University of Liverpool</td>
<td>Systematic eye movement training to predict the outcome from neuroimaging data at the initial stage of stroke treatment.</td>
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**Closing Remarks & Thanks**

**Drinks Reception & Poster Session**
*Authors @ posters please.* [Ends 18.45]*

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**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.