

Brain Visiting Lecturer

MINI-SYMPOSIUM PROGRAMME

Generic Disease Mechanisms in Motor Neurone Disease and other Neurodegenerative Disorders

Friday 23 June 2017

Chowen Lecture Theatre, Brighton and Sussex Medical School (BSMS), Teaching Building,
University of Sussex, Falmer

| PROGRAMME | | |
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| 08.15 – 09.00 | Registration – Coffee and croissants | |
| 09.00 – 09.15 | Welcome: Professor Malcolm Reed, Dean, BSMS; Professor Leon Lagnado, Director, Sussex Neuroscience | |
| 09.15 – 11.00 | | |
| 1. Intracellular transport and trafficking | | |
| <i>Chairs: Professor PN Leigh, BSMS / Professor Claudio Alonso, Sussex Neuroscience</i> | | |
| 09.15 – 09.45 | Axonal Transport and Neurodegeneration | Dr Majid Hafezparast, Sussex Neuroscience |
| 09.45 – 10.15 | Defective axonal transport of mitochondria in neurodegenerative disease | Dr Kurt De Vos, University of Sheffield |
| 10.15 – 10.45 | Role of myosins in autophagy and neurodegenerative disorders | Dr Folma Buss, University of Cambridge |
| 10.30 – 11.00 | General discussion | |
| Coffee break and poster session (PhD students, Sussex Neuroscience and University of Southampton) | | |
| 11.15 – 13.00 | | |
| 2. Models and mechanisms | | |
| <i>Chairs: Dr Majid Hafezparast, Sussex Neuroscience / Professor Leon Lagnado, Sussex Neuroscience</i> | | |
| 11.15 – 11.45 | Mouse modelling of motor neurone disease | Professor Elizabeth Fisher, Institute of Neurology, UCL |
| 11.45 – 12.15 | Chick embryo modelling of ALS | Professor Sarah Guthrie, Sussex Neuroscience |
| 12.15 – 12.45 | Understanding the role of microglia in Alzheimer's disease | Dr Diego Gomez-Nicola, University of Southampton |
| 12.45 – 13.00 | General discussion | |
| Buffet lunch and poster session (PhD students, Sussex Neuroscience and University of Southampton) | | |
| 14.00 – 16.00 | | |
| 3. Experimental medicine strategies in neurodegeneration | | |
| <i>Chairs: Professor Mara Cercignani, BSMS / Professor John Atack, Sussex Drug Discovery Group</i> | | |
| 14.00 – 14.30 | Propagation of pathology in ALS: insights from neuroimaging | Professor Martin Turner, University of Oxford |
| 14.30 – 15.00 | The role of cognitive and behavioural changes in MND as phenotypic biomarkers | Dr Marwa Elamin, BSMS |
| 15.00 – 15.30 | I believe in MIROCALS...? | Professor Nigel Leigh, BSMS |
| 15.30 – 16.00 | General discussion | |
| Tea break (PhD students, Sussex Neuroscience and University of Southampton) | | |
| The Brain Lecture (open lecture) | | |
| 16.15 – 17.15 | Brain visiting lecture | Professor Dame Pamela Shaw FMedSci, SITraN, University of Sheffield |
| Inauguration of MND Care and Research Network | | |
| Wine and refreshments | | |