

FMS POST DOC SYMPOSIUM

Tuesday 13th September 2022

- 08:30-09:30 **Coffee and Registration**
- 09:30-09:40 **Welcome and Opening Remarks from the Dean Prof. Fiona Matthews**
- 09:40-10:40 **Morning Session**
- Maria Dueñas (NUBI):** Developing and applying novel mass spectrometry approaches for drug discovery in idiopathic pulmonary fibrosis
- Elizaveta Olkhova (NUTCRI):** Characterisation of a novel mouse model recapitulating neurological features of mitochondrial disease
- Eman Zied (NUPHSI):** Spatial Determinants of Public Health: An Example from The Impact of The Environment and Pollution on Cognitive Health (EPOCH) Project
- Florence Burté (NUBI):** Investigation of human uteroplacental tissue-specific protein signatures to assist in the development of targeted treatments for pregnancy complications
- 10:40-11:00 **Coffee Break and poster session in the Sponsors' Foyer**
- 11:00-12:00 **Midday Session**
- Nicole Kattner (NUTCRI):** Impact of cystic fibrosis on the endocrine compartment of the pancreas
- Graham McClelland (NUPHSI):** Development of an intervention to reduce ambulance on-scene times for suspected stroke patients
- Marzena Kurzawa-Akanbi (NUBI):** Extracellular vesicles – a novel role as disease messengers in age-related macular degeneration
- Laura Smith (NUTCRI):** Dysfunction and degeneration of inhibitory interneurons underlying seizure activity in Alpers' syndrome
- 12:00-12:30 **Flash Poster Presentations: 2-Minutes each**
- 12:30-12:45 **Louise Wright: FMS Equality Project**
- 12:45-13:00 **PostDoc committee: Who are we and recruitment**
- 13:00-14:00 **Lunch (Boardroom) and Poster Session (Sponsors' Foyer)**
- 14:00-15:00 **Keynote Speaker: Prof. Selina Wray, UCL, UK**
Understanding mechanisms of Alzheimer's disease & Frontotemporal Dementia using patient-derived stem cells
- 15:05-15:30 **Best Post-Doc Paper Prize Talk**
- Edward Fielder** Short senolytic or senostatic interventions rescue progression of radiation-induced frailty and premature ageing in mice
- 15:30-16:00 **Coffee Break and poster session**
- 16:00-17:00 **Afternoon Session**
- Heather Moore (NUPHSI):** Do parents and education professionals agree about the adaptive abilities of autistic children?
- Javier Abellon-Ruiz (NUBI):** The hunger games, B12 uptake by gut microbiota
- Marco Trevisan-Herraz (NUTCRI):** A machine learning approach to analyse the relationship between mitochondria and the nuclear chromatin structure
- Giang Nguyen (NUPHSI):** Association between maternal adiposity measures and infant health outcomes: a systematic review and meta-analysis
- 17:00-17:30 **Poster and Talk Prizes & Closing Remarks**
- 17:30-19:00 **Drinks Reception**