Agenda

8.30  Registration, Poster, Sponsor setup with Breakfast - Function Area & Ash Elm Room

9.30  Welcome – Lecture Theatre

9.40  Session 1

1. Laurence Jackson (UCL): MRI visible bioscaffold for stem cell-mediated repair and improved cardiac function. [Abst 24]
2. Tobias C Wood (KCL): High-Resolution, whole brain Imaging of Demyelination in the Cuprizone Mouse. [Abst 39]
3. Catherine Foster (CUBRIC): Relationship between VO2 Peak, Cerebrovascular Function and Cognition. [Abst 06]
7. Benjamin Tendler (Nottingham): Measuring variation in white matter microstructure using gradient echo imaging at 7T. [Abst 05]

11.00  Refreshments, Poster & Sponsor viewing - Function Area & Ash Elm Room

11.20  Session 2

1. Christopher Bennett (Birmingham): Discrimination of Medulloblastoma and Ependymoma using HR MAS of ex vivo brain tumour tissue. [Abst 08]
2. Da Ma (UCL): Sublayer thickness estimation of mouse cerebellar grey matter. [Abst 09]
3. Hannah Furby (CUBRIC): Investigating the effect of cardiorespiratory fitness on cerebrovascular reactivity using breath-hold fMRI. [Abst 15]
4. Jack Miller (Oxford): Robust, high resolution three-dimensional hyperpolarised metabolic imaging of the rat heart at 7 T with 3D spectral-spatial EPI. [Abst 17]
5. Emma Dixon (UCL): Optimising MRI magnetic susceptibility mapping with a view to creating PET-MR attenuation maps. [Abst 13]
7. Marco Battiston (UCL): Optimisation of Magnetisation Transfer Ratio sequence acquisition parameters: application to the spinal cord. [Abst 26]
8. Mark Mikklesen (CUBRIC): Endogenous GABA Concentration Predicts Individual Differences in Haemodynamic Contrast Tuning. [Abst 28]

12.40  Lunch – Vouchers issued upon arrival for Restaurant, Waterside and The Nucleus

13.40  Session 3

1. Mary Neal (Newcastle): Imaging human lung ventilation by 19F MRI of inhaled perfluoropropane. [Abst 29]
2. Ian Harrison (UCL): Glymphatic Clearance Impaired in a Mouse Model of Tauopathy: Captured Using Contrast-Enhanced MRI. [Abst 16]
5. Merlin Fair (Imperial): An improved dynamic parallel imaging coil calibration method robust to respiratory motion with applications to first-pass contrast-enhanced myocardial perfusion imaging. [Abst 30]
7. Yanan Zhu (UCL): Assessment of response to proteasome inhibitor treatment in mouse colorectal tumour models using amide proton transfer (APT) imaging. [Abst 42]

15.00  Poster & Sponsor viewing with refreshments - Function Area & Ash Elm Room

16.30  Prizes & Closing Remarks – Lecture Theatre

17.00  End of Meeting

17.30  Farewell Finger buffet – The Nucleus.