



# FMSPOST-DOC SYMPOSIUM

Friday 15<sup>th</sup> June 2018

## David Shaw Lecture Theatre, FMS

- 08:30-09:30 **Registration**
- 09:30-09:40 **Welcome and Opening Remarks from the Dean**
- 09:40-10:40 **Session 1: *Health, Disease & Vitality***
- 09:40 L-form switching as a potential mechanism for the recurrence of urinary tract infection. **(Katarzyna Mickiewicz, ICaMB)**
- 09:55 Exercise dramatically improves age-related, inflammation-driven liver damage and cancer. **(Arianna Bianchi, ICM)**
- 10:10 The Utility of FLT3L as a Biomarker of Progenitor Cell Mass in Acute Leukaemia. **(Paul Milne, ICM)**
- 10:25 How do non-prescribed medicines (NPMs) contribute to polypharmacy in older adults with multimorbidity? **(Dapo Ogunbayo, IHS)**
- 10:40-11:00 **Coffee Break in the Sponsors' Foyer**
- 11:00-12:00 **Session 2: *Signalling, Development & Behaviour***
- 11:00 Site specific ROS signalling regulates stress adaptation through activation of mitochondrial quality control. **(Filippo Scialo, ICaMB)**
- 11:15 PRPF31 retinitis pigmentosa is caused by disrupted alternative splicing in cellular adhesion and ciliogenesis genes. **(Valeria Chichagova, IGM)**
- 11:30 A mixed methods programme of study on the determinants and outcomes of home food preparation. **(Susanna Mills, IHS)**
- 11:45 Heterozygous Glucocerebrosidase Mutations and Lipid Metabolism defects in Lewy Body disease. **(Marzena Kurzawa-Akanbi, IGM)**

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- 12:00-12:30 **Flash Poster Presentations: 2-Minutes Each**
- 12:30-14:00 **Lunch (Boardroom) and Poster Session (Sponsors' Foyer)**
- 14:00-15:00 **Keynote Speaker: Prof. Steve Wilson (UCL)**  
Breaking symmetry in the brain - from genes to circuits and behaviour.
- 15:00-15:05 **Paper Prize Announcement by Prof. Steve Wilson**
- 15:05-15:30 **Best Post-Doc Paper Prize Talk**
- 15:30-16:00 **Coffee Break**
- 16:00-17:00 **Session 3: Structures, Functions & Modelling**
- 16:00 Development of the Caf1 protein as a multi-functional biomaterial for use in 3D cell scaffolds. **(Daniel Peters, ICaMB)**
- 16:15 Variants in EXOSC9 disrupt the RNA exosome and result in cerebellar atrophy. **(David Burns, IGM)**
- 16:30 Mitochondrial DNA deletions originate as a subcellular perinuclear niche in human skeletal muscle. **(Amy Vincent, IoN)**
- 16:45 Modelling localised doxorubicin-eluting bead therapy in combination with inhibition of DNA-PK in liver cancer. **(Catherine Willoughby, NICR)**
- 17:00-17:30 **Poster and Talk Prizes & Closing Remarks**
- 17:30-19:00 **Drinks Reception**



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