

Practicalities of Cellular Analysis: **Understanding the Cell, Piece by Piece**

28 March 2017

David Shaw Lecture Theatre and Breakout Space, Newcastle University Medical School

Draft Programme

(n.b. timings are approximate and will be confirmed prior to the event)

8.45 – 9.15 **Registration**

9.15 – 11.00 **Session 1**

- **Hervé Luche** *R&D Manager, Centre d'Immunophénomique (CIPHE)*
 Keynote Talk: Massive changes in Phenomics: Functional phenotyping made in CyTOF
- **Jack Leslie** *Newcastle Fibrosis Research group, Newcastle University*
 Title tbc (Flow/Ivis)
- Technobytes (**Miltenyi** and **BioLegend**)

11.00 – 11.30 **Morning Break**

11.30 – 12.45 **Session 2**

- **Mike Carroll** *Senior Lecturer, School of Chemistry, Newcastle University*
 Title tbc (Radiochemistry/PET)
- **Michael Kelly** *Preclinical Imaging Facility Manager, Leicester University*
 The use of state-of-the-art preclinical imaging modalities to enhance in-vivo preclinical research at the University of Leicester
- Technobyte (**Beckman Coulter**)

12.45 – 13.45 **Lunch** **Sponsored by Beckman Coulter**

13.45 – 15.15 **Session 3**

- **Eugene Katrukha** *Utrecht University*
 Keynote Talk: Single molecule microscopy for the study of intracellular transport and cytoskeletal dynamics
- **Martin Picard** *Assistant Professor of Behavioural Medicine, Columbia University*
 Quantitative Electron Microscopy Approaches to Investigate Mitochondrial Behavior in Skeletal Muscle
- Technobytes (**BioRad** and **Chemometec**)

15.15 – 16.00 **Afternoon Break and Poster Presentation Session**

16.00 – 17.00 **Session 4, Facility-Bytes:**

- Infectious Diseases
- Ionoptika
- Electron Microscopy
- BioImaging
- Preclinical In Vivo Imaging
- Flow Cytometry
- Award Poster Prizes and Sponsor 'Passport' Prize-draw