

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)

- Technobyes (**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

- Technobye (**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

- Technobyes (**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