

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

28 March 2017

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

Programme

8.45 – 9.15 Registration

Refreshments in the Sponsor Exhibition Area

9.15 – 11.00 Session 1

- **Hervé Luche** *Centre d'Immunophénomique (CIPHE)*

Keynote Talk: Massive changes in Phenomics: Functional phenotyping made in CyTOF

- **Jack Leslie** *Newcastle University*

Validation of a novel near infrared fluorescence based imaging method to achieve dual cell tracking

- Technobytes (**Miltenyi** and **BioLegend**)

11.00 – 11.30 Morning Break

Refreshments in the Sponsor Exhibition Area

11.30 – 12.45 Session 2

- **Mike Carroll** *Newcastle University*

PET Radiochemistry for Medical Research

- **Michael Kelly** *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**

In the Sponsor Exhibition Area

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** *Columbia University*

Quantitative Electron Microscopy Approaches to Investigate Mitochondrial Behavior in Skeletal Muscle

- Technobytes (**Bio-Rad** and **Chemometec**)

15.15 – 16.00 Afternoon Break and Poster Presentation Session

Refreshments in the Sponsor Exhibition Area
Poster Session in the Board Room

16.00 – 17.00 Session 4

Facility-Bytes:

- Infectious Diseases
- Imaging Mass Spectrometry
- Electron Microscopy
- BioImaging
- Preclinical In Vivo Imaging
- Flow Cytometry

- Award Poster Prizes and Sponsor 'Passport' Prize-draw