Monday 18th July

12:00-13:00 Arrival and Registration

13:00-13:10 Introduction and Welcome – Derek Davies

Session 1 Clinical Cytometry (Chair: Ricardo Morilla)

13.10-13.55 Invited Speaker: Mark Lowdell, Royal Free Hospital
High dimensional flow cytometry in Immunotherapy of viral infection

13.55-14.40 Invited Speaker: Alberto Orfao, Salamanca, Spain
New Euroflow strategies and tools for the diagnosis and monitoring of haematological malignancies

14.40-15:00 Minimal residual disease (MRD) assessment using multiparameter flow cytometry predicts outcome in both intensively and non-intensively treated patients: Results from the MRC Myeloma IX trial - Andy Rawstron, Leeds Teaching Hospital

15:00-15:30 Tea and Exhibition

15:30-17:30 Commercial Seminars/Workshops

  Becton Dickinson – tbc

  iCyt Europe – iCyt presents Synergy: Multilaser/multicolour, high speed sorter and analysis system

  Life Technologies – Acoustic focusing in Cytometry; Precise results with diluted or precious samples, faster than ever.

17:30-20:00 Buffet, Exhibition and Poster session
Tuesday 19th July

Session 2  Nanoparticles (Chair: Peter O’Toole)

09:00-09:20 Imaging Flow Cytometry of nanoparticle cell interactions - Huw Summers, Swansea University

09:20-09:40 Development of flow cytometry and fluorescence nanoparticle tracking analysis (NTA) to characterise cellular microvesicles and nanovesicles - Rebecca Dragovic, University of Oxford

09:40-10:00 Use of imaging cytometry to study nanoparticle uptake in cells: Drug delivery and Toxicology - Paul Rees, Swansea University

10:00-10:20 Amine modified polystyrene nanoparticles induce cell death through damage to lysosomes in 1321N1 cells - Fengjuan Wang, University College Dublin

10:20-10:50 Tea and Exhibition

Session 3 Biological Applications (Chair: Rachael Walker)

10:50-11:35 Invited Speaker: Mara Rocchi, Moredun Institute
Multicolour flow and the study of animal pathogenesis

11:35-11:55 An imaging flow cytometric method for measuring cell division history and molecular symmetry during mitosis - Andy Filby, Cancer Research UK

11:55-12:15 Real time flow cytometry for the kinetic analysis of oncosis - Gary Warnes, Blizard Institute of Cell and Molecular Science

12:15-12:35 Applications of Laser Scanning Cytometry in cancer research - Heather Zecchini, Cancer Research UK

12:35-12:55 Investigating human CD4+ T cell differentiation through imaging flow Cytometry - Esperanza Perucha, King’s College London

12:55-14:00 Lunch and Exhibition

14:00-16:00 Commercial Seminars/Workshops

Becton Dickinson – tbc

Biolegend - Brighter is Better: The Introduction of Brilliant Violet™ Conjugated antibodies for Flow Cytometry and Microscopy

FlowJo – An introduction to compensation, gating and reporting
iCyt Europe – iCyt presents Synergy: Multilaser/multicolour, high speed sorter and analysis system

Life Technologies – Acoustic focusing in Cytometry; Precise results with diluted or precious samples, faster than ever.

Merck Millipore – tbc

Partec - Introducing Partec’s CyFlow Cube, your perfect solution for Flow Cytometry

16:00-16:30 Tea and Exhibition

Session 4 Interest Groups (Parallel sessions)

16:30-18:00 Multicolour panels for immunophenotyping - Ricardo Morilla, Royal Marsden Hospital

16:39-18:00 Core Managers/Education - Peter O’Toole, University of York

16:30-18:00 Biosafety - Richard Grenfell, Cancer Research UK

16:30-18:00 Small particle Cytometry - Roy Bongaerts, Institute of Food Research

16:30-18:00 Multicolour design in research - Ian Dimmick, Newcastle University

18:00-18:45 Bob Spencer Memorial lecture (Chair: Derek Davies)
Sponsored by Beckman Coulter and Applied Cytometry

Invited speaker: John Nolan, La Jolla Bioengineering Institute, California
Flow Cytometry of Nanoparticles

18:45-20:00 Drinks reception (sponsored by Biolegend)

20:00-late Conference Dinner (sponsored by Biolegend)
Wednesday 20th July

Session 5  Environmental Cytometry (Chair: Roy Bongaerts)

09:15-10:00  Invited Speaker: Thomas Egli, Eawag  
Fast microbiological analysis of drinking water based on flow cytometry

10:00-10:30  Cytometry, cyanobacteria and synchronised cell cycle: the ecological and physical implications of four shipboard surveys - Ross Holland, The National Oceanography Centre

10:30-11:00  Tea and Exhibition

Session 6  New Technology (Chair: Richard Grenfell)

11:00-11:30  Parallel microfluidic cytometer - Daniel Ehrlich, Boston University

11:30-12:00  Analytical challenges in practical flow Cytometry - Anna Petrunkina, University of Cambridge

12:00-12:30  Enhancing learning through insight and intuition - Ann Atzberger, Institute of Molecular Medicine, Dublin

12:30-13:30  Lunch and Departure