

Multi-Dimensional Advanced Flow Cytometry Workshop

2-day Practical Demo (Lab & Software)

6th – 7th October 2016

Rowett Institute of Health and Nutrition (RINH)
Level 2 CR, Foresterhill, Aberdeen

DAY1 (6th October): Multi-Colour Flow Cytometry using PBMCs (min 10 colour)

- 9:00: Welcome Coffee/Tea in level 2 Seminar room at Rowett/RINH
9:30: Cytometry at UoA (Raif Yucel, IFCC, UoA)
9:45: Basic and Principles of Flow Cytometry (Raif Yucel, IFCC, UoA)
- 10:30: Multicolour Panel Design – Theory – Part I
(Joanna Kleczkowska, Applications Specialist, BD Biosciences)
- 11:30: *Coffee Break*
- 12:00: Multicolour Panel Design –Tips & Tricks –Part II
- 13:00: *Lunch Break*
- 14:00: Practical Demo on 10-12 Colour FCM using PMBCs on LSR Fortessa
IFCC lab 2.54 at IMS level 2
- 17:00: *Close*

DAY2 (7th October): Advanced Multi-Dimensional Cytometry Data Analysis using FlowJo

- 9:00: Welcome Data Analysis Service at IFCC
- 9:15: FlowJo V10 – Part I: Basics & Intro to Cytometry Data Analysis
(Christoph Freier, Applications Specialist, FlowJo LLC)
- 10:15: *Coffee Break*
- 10:30: FlowJo V10 – Part II: Advanced Tools and Platforms
(e.g. Compensation Concatenate, advanced iteration, statistical comparison platform,
Plugin: Cell Ontology SPADE, tSNE)
- 13:00: *Lunch Break*
- 14:00: Hands on training on advanced tools
(Please bring your own laptop or group laptop, please contact IFCC for further details)
- 17:00: *Close*

Please send your request to cytometry@abdn.ac.uk

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