University of Glasgow | College of Medical, Veterinary & Life Sciences

Metabolomics Data Analysis Workshop

One-day training course

A one-day course in which participants will learn the practical aspects of conducting a metabolomics experiment, from adopting the best study design to performing the processing, analysis and interpretation of the resulting data.

The course is suitable for established metabolomics users but also those who are new to this platform and who wish to gain a better understanding of how metabolomics datasets are interpreted.

Date
2 December 2013

Time
9:30am–5:00pm

Course fee
£150

Target group
Research students and staff who wish to deepen their practical understanding of metabolomics experimental design and data analysis.

Venue
- Sir Alexander Stone building, room 206
- Jura teaching lab, Level 4 Annexe, University Library

Speakers
Warwick (Rick) Dunn, School of Biosciences, University of Birmingham, UK,

Mike Barrett, Karl Burgess, Fraser Morton, Glasgow Polyomics

Registration and enquiries
Contact: Tanita Casci
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Further information
Online at www.glasgow.ac.uk/polyomics/trainingcourses

Follow us on Twitter: @polyomics

Programme

Sir Alexander Stone building, room 206

9:30–10:30
Keynote Speaker: Warwick (Rick) Dunn, School of Biosciences, University of Birmingham, UK
Hungry for the masses – big data, mass spectrometry and metabolite annotation

Jura Lab, University Library, Level 4 Annexe

10:30–11:00
COFFEE AND DISCUSSION (room 416)

11:00–11:30
Karl Burgess
How to design your metabolomics experiment: best practice and common pitfalls

11:30–12:00
Fraser Morton
Fundamentals of data analysis

12:00–13:00
LUNCH (room 416)

13:00–13:30
Mike Barrett
Interpreting metabolomics datasets: extracting biological meaning from LC-MS data

13:30–14:30
Workshop part 1: Setting up an analysis run

14:30–15:00
COFFEE AND DISCUSSION (room 416)

15:00–16:30
Workshop part 2: Data analysis and interpretation

16:30–17:00
INTERACTIVE DISCUSSION

Glasgow Polyomics