



Introduction to Omics Programme **11-12th September 2018**

Day 1 (11th Sept 2018)

0900 – 0930 Icebreaker and Introduction - Isabel Vincent

- 15 minute intro from students
- 15 minute presentation to omics, integrated data set example

0930 – 1030 Experimental Design – Ronan Daly/Isabel Vincent

- 20 minute presentation
- 30 minutes for groups
- 10 minutes for groups to present experiment

1030 – 1045 BREAK

1045 – 1215 Basic Statistics for Biologists – Ronan Daly

- 30 minute presentation
- 50 minutes for practical
- 10 minutes recap practical

1215 – 1315 LUNCH

1315 – 1445 Genomics - Graham Hamilton

- 30 minute presentation
- 50 minute practical
- 10 minutes recap practical

1445 – 1500 BREAK

1500 – 1630 Transcriptomics – Pawel Herzyk

- 30 minute presentation
- 50 minute practical
- 10 minutes recap practical



Day 2 (12th Sept 2018)

0930 – 1100 Proteomics – Richard Burchmore

- 40 minute presentation
- 40 minute practical
- 10 minutes recap practical

1100 – 1115 BREAK

1115 – 1245 Metabolomics – Isabel Vincent/Erin Manson

- 30 minute presentation
- 50 minute practical
- 10 minutes recap practical

1245 – 1345 LUNCH

13:45 – 15:15 How one follows up an omics experiment?

- 15 minute Genomics/Transcriptomics – Graham Hamilton
- 30 minute Proteomics – Richard Burchmore
- 30 minute Metabolomics – Isabel Vincent

15:15 – 15:45

Tea and Coffee and informal chat