

Irish Mass Spectrometry Society

Annual Conference, Wednesday 7th May 2014
Moran's Red Cow Hotel, Naas Road, Dublin 22

Registration fee: €30

www.imss.ie

Vendor exhibition all day in parallel with lecture programme

09:15 Registration.

09:30–10:30 Short Course: “Mass Spectrometry in Medicine.” **Professor Mike Morris (Waters), the 2014 British Mass Spectrometry Society Lecturer.**

Session 1: Small Molecule Analysis by Mass Spectrometry

10:40 “Strategies for Human Drug Residue Analysis by LC-MS/MS” **Dr Julie Tierney State Laboratory, Dublin.**

11:10 Tea/Coffee break

Session 2: Vendor Exhibition

11:40 New Technologies. Short presentations by a number of Mass Spectrometry Vendors on recent advances in mass spectrometry

13:15 Lunch (included in registration fee).

Session 3: Short Talks and Student Presentations

14:15

- (1) “Discovery and Longitudinal Measurement of Candidate Biomarkers of Biochemical Recurrence in Prostate Cancer Patients Treated with CHRT”. **Claire Tonry, UCD.**
- (2) “Proteomic Analysis of a Human Lung Carcinoma Cell Line and Its Subpopulations Using Quantitative Label Free LC-MS” **Shane Kelly, DCU.**
- (3) “Chasing Hannibal: Using geochemistry to aid in tracing the route taken by the Punic Army to invade Italia in 218 BC” **Sean Jordan, DCU.**
- (4) “The diet of an omnivorous New Zealand parrot using stable isotopes from feather and blood samples” **Amanda Greer**
- (5) “Studying the impact of sulphur addition on microbial sequestration of carbon dioxide in agricultural soil” **Brian Murphy, DCU**
- (6) “A novel LC-MS-MS method for the simultaneous determination of five low calorie sweeteners in human urine” **Caomhan Logue, University of Ulster.**

Session 4: Proteomics, Nutrition and Health

15:45 “A method to assess selenium status in a cohort of pregnant women using ICP-MS” **Dr Alison Yeates, University of Ulster**

16:10 “SWATH for probing protein interactions”? **Dr Ben Collins – Swiss Federal Institute of Technology, Zurich**

16:40 AGM