



The Irish Mass Spectrometry Society

Annual Meeting Wed May 9th 2012

Moran's Red Cow Hotel, Dublin

Vendor exhibition all day in parallel with lecture programme

08:30 Registration

09:00–9:50 Short Course: High Resolution Mass Spectrometry: Ashley Sage, Agilent Technologies

Session 1: GC-MS and ICP-MS

10:00 "Pollution histories revealed by ICP-MS analysis of ultra-trace metals in peat bogs" by Balz Kamber, School of Natural Sciences, Trinity College Dublin

10:25 "Assessment of the volatile profiles of fermented sausages by SPME GCMS" by Kieran Kilcawley, Teagasc Moorepark, Cork

10.50 "Se speciation by HPLC-ICP-MS" by Patrick Ward, Alltech Biotechnology

11:15 Tea/Coffee break

Session 2: Proteomics

11:40 "Protein Glycosylation Analysis by HPLC and Mass Spectrometry" by Weston Struwe, NIBRT, UCD

12:05 "Maintaining standards –counting copies per cell on a proteome wide scale" by Rob Beynon, Protein Function Group, University of Liverpool

12:30 "ITRAQ Quantification in 2012" by Andrew Williamson, University of Manchester

13:00: Lunch (included in registration fee)

Session 3: Short Talks and Student Presentations

14:15 "An environmental forensics approach to identifying sewage and manure inputs into surface waters" by Cecilia Fenech, DCU

14:30 "Natural abundance environmental biomarkers for marine sediments analyzed by GC-MS" by Michal Szpak, Chemical Sciences, DCU

14.45 "Analysis of Both Uveal and Cutaneous Melanomas for the Identification of Novel Targets" by Deirdre O'Flynn, NICB, DCU

15:00 "Identification of novel azaspiracid metabolites from pig tissues by LC-MS/MS" by Jennifer Geraghty, DIT/Marine Institute

15.15 "The application of an LTQ Orbitrap™ Hybrid FT Mass Spectrometer to the Identification of Antifungal Compounds Produced by Lactic Acid Bacteria" by Brid Brosnan, CIT

Session 4: Use of Data Generated from Mass Spectrometry

15:40 "Analysis of LC-MS/MS proteomic data for selection of protein biomarker signatures" Brian Morrissey, Conway Institute

16:05 "Evaluation and reporting of multi-residue data for pesticide residue analysis" by Jim Garvey, Pesticide Control Laboratory, Department of Agriculture, Food and the Marine

16:30 "Targeted Drug Screening in the Laboratory of the Drug Treatment Centre Board" by Sinead McNamara, Drug Treatment Centre Board

16:55 AGM