



The Irish Mass Spectrometry Society

Annual Meeting Wed May 11th 2011
Moran's Red Cow Hotel, Dublin

Vendor exhibition all day in parallel with lecture programme

08:30 Registration

09:00–9:50 Short Course: Review of Different Instrumental Techniques / Mass Analysers

Session 1: Practical Aspects of Mass Spectrometry

10:00 "Approaches to the evaluation of matrix effects in LC-MS-MS" by Sinead Dunlop (Medical Bureau Road Safety)

10:25 "Headshop drugs analysis: Is GCMS sufficient to provide a unique identification on substituted cathinones?" by John Power (Forensic Science Laboratory)

10:50 Tea/Coffee break

Session 2: Research Use of Mass Spectrometry

11:20 "Application of HPLC-ESI QTOFMSMS on Gallium IMAC isolated caseinophosphopeptide identification" by Yishen Zhu (UL)

11:45 "Mass spectrometry monitoring of the directed microbial production of deuterated compounds and potential applications" by Thomas Smyth (Teagasc)

12:10 "Using mass spectrometry for O-glycomics, the forgotten glycome" by Niclas Karlsson (University of Gothenburg, Sweden.)

12:35: "ICP MS analysis of nano particles" by Ash Taylor (University of Ulster)

13:00: Lunch (included in registration fee)

Session 3: Short Talks and Student Presentations

14:15 "Label-free LC-MS " Analysis of Combined Hormone and Radiation Therapy for Prostate Cancer" by Brian Morrissey (UCD Conway)

14:30 " Quantitative Label-Free LC-MS Characterisation of Secreted Host Cell Proteins from Monoclonal Antibody-Producing Cell Lines" by Martin Power (NICB, DCU)

14:45 "LC MS/MS in the nutrition/method development context" by Eamon Laird (University of Ulster)

15:00 "The use of isotope-ratio mass spectrometry in health and disease diagnosis" by Oonagh Markey (UL)

15:15 "Detection of Pyrrolizidine Alkaloids in Honey via LC-MS/MS and implications for Food Safety" by Caroline Griffin (CIT)

15:30 Break

Session 4: Proteomics

15:40 "Quantitative proteomics in biological research" by Matthias Wilm (UCD Conway)

16:05 "Quantitative proteomics for biomarkers of pre-clinical toxicity in the context of a multi-omics consortium" by Steve Pennington (UCD Conway)

16:30 "Seeing the woods for trees: Extracting biologically meaningful information from large scale phosphoproteomics experiments" by Alexander Von Kriegsheim (UCD Conway)

16:55 AGM