



*The Irish Mass Spectrometry Society*

## **Annual Meeting Wed 1<sup>st</sup> May 2013**

Moran's Red Cow Hotel, Dublin

Vendor exhibition all day in parallel with lecture programme

**09:00** Registration

**09:15–10:15** Short Course: Multi Stage Mass Spectrometry: Martin Hornshaw, Thermo Fisher

### **Session 1: Clinical Diagnostics and Mass Spectrometry.**

**10:20** "Introduction of quantitative LC-MS/MS assays in the clinical laboratory: Principle to practice" by **Dr Marguerite MacMahon, Mater Misericordiae University Hospital**

**10:50** "Using high resolution LC-QToF-MS metabolomics to identify markers for early diagnosis and therapy of Alzheimer's Disease" by **Dr Brian Green, Queens University**

**11:20** Tea/Coffee break

### **Session 2: Vendor Exhibition**

**11.40** New Technologies

**Presentations by a number of Mass Spectrometry Vendors**

**13:15: Lunch** (included in registration fee)

### **Session 3: Short Talks and Student Presentations**

**14:15** "Impact of miR-7 over-expression on the proteome of Chinese hamster ovary cells" by **Mark Gallagher, DCU**

**14:30** "Utilising MALDI mass spectrometry in the quest for male urogenital cancer biomarkers" by **Brian Flatley, University of Reading**

**14:45** "Environmental Forensic Studies for Sewage and Manure Differentiation Is LC-MS/MS the only way?" by **Cecilia Fenech, DCU**

**15:00** "A tandem mass spectrometric investigation of ferrocenyl bioconjugates: novel organometallic anti-cancer compounds" by **Andy Harry Garry, DCU**

**15:15** "LC-MS/MS analysis of pharmaceuticals in the Irish aquatic environment" by **Gillian McEneff, DCU**

**15:30** "Design and application of a robust MRM assay for detection of protein biomarkers of Cardiovascular disease in patient serum samples" by **Claire Tonry, UCD**

### **Session 4: Use of Mass Spectrometry in Forensic Science**

**15:45** "Characterization of the legal high, methiopropamine, and its pyrolysis products" **Emily Bouso, University of Alabama at Birmingham**

**16:05** "Mass Spectrometry in Forensic Science" by **John Power, Forensic Science Laboratory**

**16:55** AGM