

**June 14<sup>th</sup> 2011**

(9.30 – 17.00)

# Enabling Technologies

*for quantitative bioscience*

- 9.30 Peter Fielden** (UoM, MIB) *Welcome Introduction and MIB*
- 9.50 Jeremy Lea** (Bruker) & **Eric McInnes** (UoM)  
*Applications of EPR spectroscopy*
- 10.20 Jon Waltho** (UoM, MIB) *NMR technologies*
- 10.40 Ian Wilson** (AstraZeneca) *MS and Drug Metabolism*
- 11.00 Coffee and Posters**
- 11.25 John Shockcor** (Waters corp) *MS Based Metabolomics/Lipidomics*
- 11.45 Ern Edmonds** (Solvay) *Evolution of Industrial Biotechnology:  
Pharms, Feed, Food, Fuel, Films and Future*
- 12.05 Mike White** (UoM) *Imaging molecular function in living cells*
- 12.25 Discussion**
- 12.45 Lunch and Posters**
- 13.30 Martin Packer** (AstraZeneca) *Compchem approaches to understand  
systematic variation in biological assays*
- 13.50 Christiane Hertz-Fowler** (University of Liverpool)  
*Biological applications of second generation sequencing*
- 14.10 Alan Dickson** (UoM, CoEBP) *High-content/throughput cell-based  
assay platforms*
- 14.30 Discussion**
- 14.50 Coffee and posters**
- 15.20 Stephen Haswell** (University of Hull)  
*Process and systems integration through miniaturisation*
- 15.40 Andreas Manz** (KIST Europe) *Miniaturization for clinical  
diagnostics instruments*
- 16.00 Discussion and Close followed by Wine reception**