



RSC | Advancing the
Chemical Sciences



Analytical tools for the life sciences - Biological membranes

2 June 2008

University of Edinburgh

Programme

10.30 REGISTRATION AND COFFEE

11.00 Chairs introduction

Ian Dransfield

University of Edinburgh

11.15 Nanosensors for cell membrane studies

Heinrich Hoerber

University of Bristol

11:45 Beyond the optical resolution in living cell: Biomedical applications of scanning ion conductance microscopy

Yuri Korchev

Ionscope, Imperial College London

12.15 LUNCH and POSTER SESSION

13.30 Functional microdomains in biological membranes

Luke Chamberlain

University of Edinburgh

14:00 Using ultra violet linear dichroism to understand membrane protein orientation and folding

Timothy Daffron

University of Birmingham

14:30 COFFEE AND POSTER SESSION

15:00 Solid supported bilayer membranes: Increasing complexity in membrane mimics

Stephen Evans

University of Leeds

15:30 Protein interactions in the membrane: Exploring the role of transmembrane domains in function and disease

Ann Dixon

University of Warwick

16:00 Closing remarks

Mike Cousin

University of Edinburgh

16:30 End of workshop