

RSC Regional Meeting in Chemical Biology
Sponsored by the Chemistry-Biology interface Forum

The Impact of High-throughput Technologies
in Chemical Biology and Medicinal Chemistry

Monday 1st February 2010
at the
Royal Society of Edinburgh, Edinburgh

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:30 – 10:00 | Coffee |
| 10:00 – 10:45 | Professor James Naismith FRSE, University of St Andrews
The challenges and successes of structural proteomics |
| 10:45 – 11:30 | Professor Mikael Elofsson, University of Umea, Sweden
Design and synthesis of inhibitors of viral adhesion and bacterial toxin secretion |
| 11:30 - 12:15 | Professor David Adams, Heriot-Watt University
The complex effects of inhibitors on phosphodiesterase-4 activity and targeting |
| 12:15-12:30 | Introductions by the funding agencies (Wellcome Trust and BBSRC) |
| 12:30 – 1:30 | Lunch and networking opportunities |
| 1:30 – 2:15 | Professor Antti Poso, University of Kuopio, Finland
Virtual HTS: The Good, the Bad, and the Ugly |
| 2:15 – 3:00 | Professor Martin Drysdale, Beatson Institute, Glasgow
Fragment Screening and Structure Based Approaches in Cancer Drug Discovery |
| 3:00 - 3:20 | Tea |
| 3:20 – 4:05 | Professor Manfred Auer, University of Edinburgh
Single bead, single cell and single molecule chemical biology |
| 4:05 – 4:50 | Professor Sonia Lain, Karolinska Institutet and Dundee University
Novel small molecule activators of the p53 tumour suppressor |