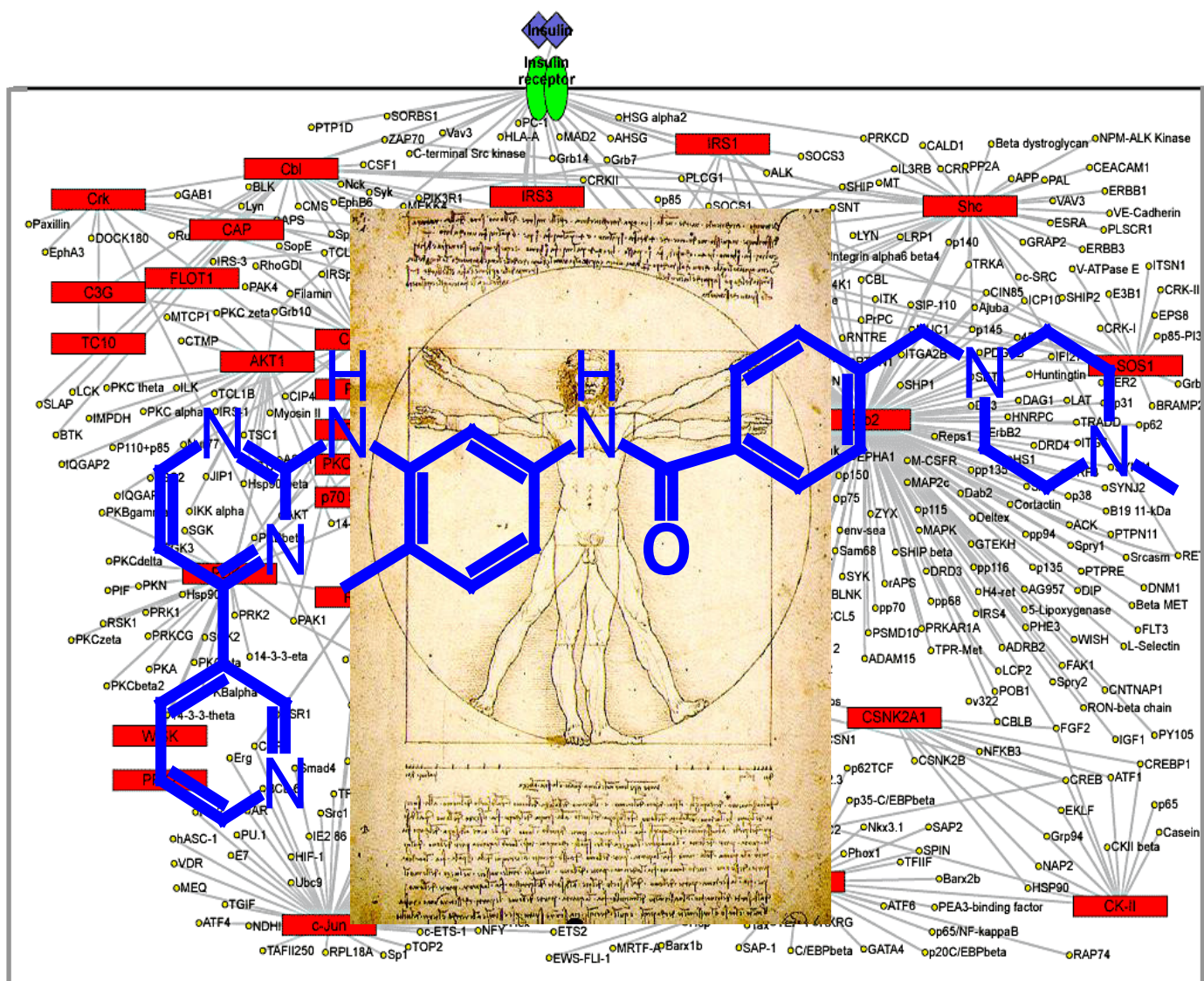


Chemical Tools and Challenges in Systems Biology 2011



27 Sept 2011

The Chemistry Centre
Burlington House, London
Programme and Application Form

Chemical Tools and Challenges in Systems Biology

27 September 2011, Burlington House, London

The RSC Biotechnology Group and the Chemistry Biology Interface Division (CBID) would like to invite you to participate in this exciting one-day symposium, a follow-up to the successful conference with the same title held at GSK, Stevenage in October 2009. The emphasis of the symposium will be on exploring and promoting the synergies that chemical and biological sciences can deliver in the procurement of a deeper understanding of the complexity of biological systems.

Programme

10.00 **Coffee & Registration**

10.25 **Session I**

Chair: Klaus Schneider

10.30 **Hans Westerhoff** University of Manchester, UK
Systems Biology: where it is, where it will go, and how it will get there, through multiple chemistries

11.10 **Jim Wells** University of San Francisco, USA
Engineering Cells to Death

11.50 **Uwe Rix** Medical University of Vienna, Austria
Target identification by chemical proteomics as an entry point towards the molecular understanding of pleiotropic, systems-wide drug effects

12.30 **Lunch**

13.25 **Session II**

Chair: Klaus Rumpel

13.30 **Ed Tate** Imperial College, London, UK
A chemical handle on posttranslational modification

14:10 **Udo Oppermann** Structural Genomics Consortium, University of Oxford, UK
Integrated structural and chemical genomics approaches of human metabolic enzyme families

14.50 **Coffee**

15.10 **Robert B. Russell** University of Heidelberg, Germany
Predicting protein-peptide and protein-chemical interactions within biological networks

15.50 **Robin Franklin** University of Cambridge, UK
Title tba

16.30 **Round Table Discussion**

17:30 **Close**

Venue and Application

The conference will be held at the Chemistry Centre, Burlington House, the Royal Society of Chemistry's Head Office in Central London (<http://www.rsc.org/AboutUs/Contacts/BH.asp>).

Application should be made using the registration form which can be found on this website. The organisers can be contacted at the following email-address: chemicaltools.systemsbiology@googlemail.com. A late application fee will apply after **01 September 2011**. Refunds can only be made in respect of cancellations received before 01 September 2011. Substitutions are possible at any time.

Presentation of Posters

A limited number of boards for presentation of posters will be available, please enquire.

Fees

MSc and Ph D students and post-doctoral fellows may be eligible for an RSC Travel Grant, please enquire.

Payment may be made by PayPal using the following buttons. Please include the delegate name in the instruction and send a copy of the payment advice with the application form. The fees include attendance at the sessions, lunch and refreshments. The organisers are not registered for VAT and tax invoices cannot be issued.

	Standard	Late Registration (after 01 September)
RSC members	£ 80	£ 100
Non-members	£ 95	£ 115
Students/retired members	£ 55	£ 70

Organisers

Klaus Rumpel (Pfizer), Klaus Schneider (Merck KGaA) and Neville Nicholson (Scientific Consultant), under the auspices of The Biotechnology Group and The Chemical Biology Interface Division of the Royal Society of Chemistry.

The Chemistry Biology Interface Division (CBID) of the RSC has been set up to represent the chemical biology community. For more information on its activities, please contact:

Dr. James Hutchinson, Programme Manager, Life Sciences.

Tel: +44 (0)122 343 2477, or email: hutchinsonj@rsc.org

or visit the web site: www.rsc.org/cbid

The Biotechnology Group is the focal point within the RSC for members who have an academic or industrial interest in the chemical aspects of biotechnology.

New members of the Committee from both industry and academia are currently required to widen the area of its expertise. Those with an interest in helping to organize Conferences or Courses in any aspect of biotechnology that is underpinned by chemistry are warmly invited to contact the Chairman, Dr. Paul Dalby (p.dalby@ucl.ac.uk), or the Secretary, Dr. Colin Bedford (c.t.bedford@ucl.ac.uk).

Sponsorship

The organizers would like to acknowledge financial support from Caprotec GmbH, Berlin, Germany

