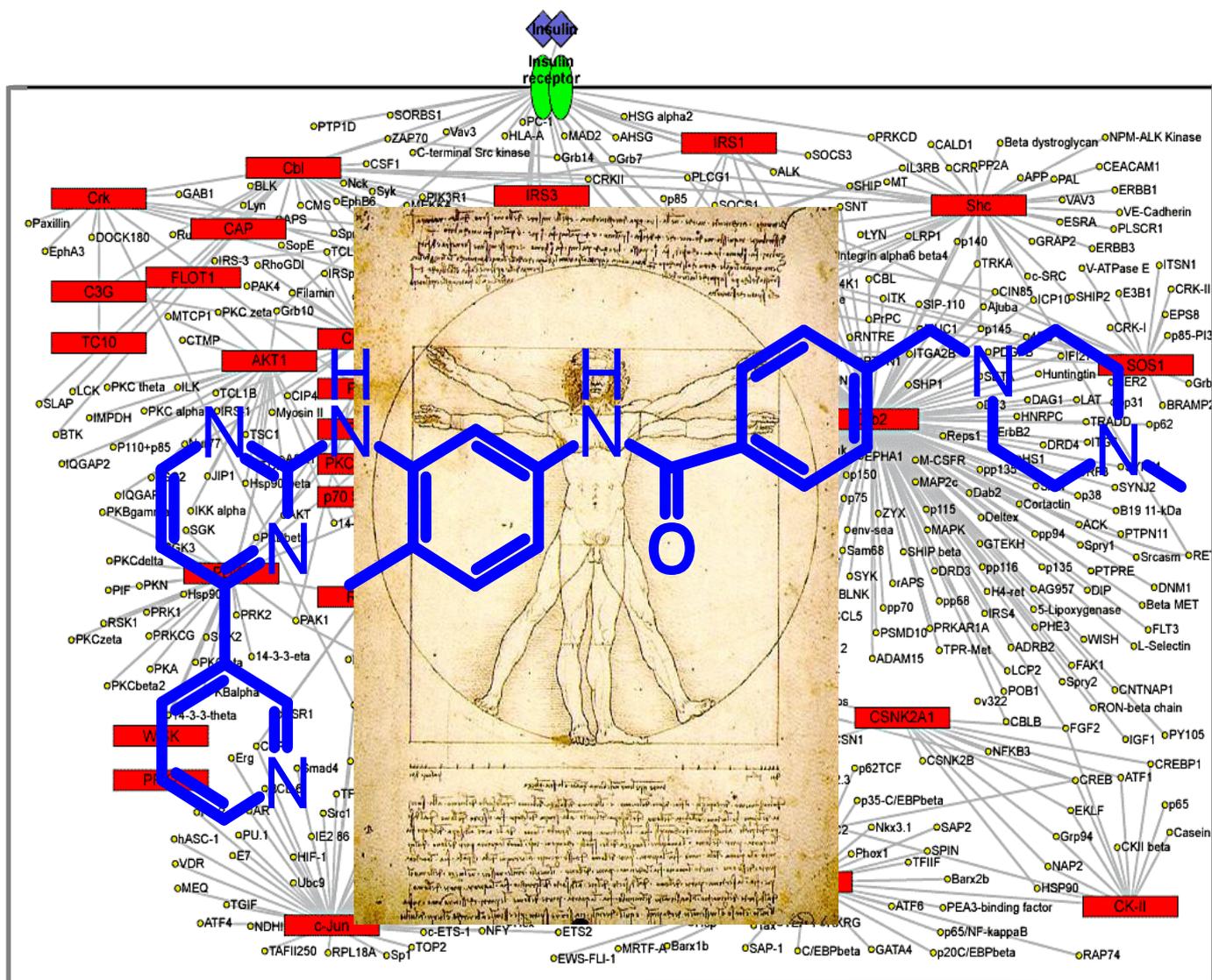


Chemical Tools in Systems Biology III



22 Sept 2017
 The Chemistry Centre
 Burlington House, London
 Programme and Application Form

Chemical Tools in Systems Biology III

22 September 2017, Burlington House, London

The RSC Biotechnology Group would like to invite you to participate in this exciting one-day symposium, a follow-up to the successful conferences with the same title held at GSK, Stevenage in October 2009 and at Burlington House in September 2011. 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

09.30 **Coffee & Registration**

09.55 **Session I** Chair: Klaus Schneider

10.00 **Carol Robinson** University of Oxford, UK
Mass spectrometry - From folding proteins to rotating motors

10.40 **Alessio Ciulli** University of Dundee, UK
Targeted protein degradation with small molecules: How PROTACs work

11.20 **Ed Tate** Imperial College London, UK
Protein lipidation: From biological systems to drug discovery

12.00 **Lunch & Posters**

13.15 **Session II** Chair: Klaus Rumpel

13:20 **Early Career Scientist, Talk 1**

13:35 **Early Career Scientist, Talk 2**

13.50 **Julian Blagg** The Institute of Cancer Research, London, UK
Quality chemical probes to unravel the complexities of cancer

14:30 **Bernhard Küster** Technische Universität München, Germany
Target landscape and signaling networks of kinase inhibitor drugs

15.10 **Coffee**

15:30 **Early Career Scientist, Talk 3**

15:45 **Julio Saez-Rodriguez** RWTH Aachen, Germany
Network models to dissect the effect of genetic and chemical perturbations in cancer

16:25 **Dimitrios Anastasiou** The Francis Crick Institute, London, UK
Unravelling metabolic vulnerabilities of cancer cells by revisiting a drug's mode of action

17:10 **Close**

Venue and Application

The conference will be held at the Chemistry Centre, Burlington House, Piccadilly, London W1J 0BA
<http://www.rsc.org/AboutUs/Contacts/BH.asp>

Application should be made using the registration form which can be found on this website:

<http://www.homepages.ucl.ac.uk/~ucbepad/RSCChemBiol.html>

The organisers can be contacted at the following email-address:

chemicaltools.systemsbiology@gmail.com. A late application fee will apply after **01 September 2017**.

Refunds can only be made in respect of cancellations received before 01 September 2017.

Substitutions are possible at any time.

Fees

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	100	120
Non-members	115	135
Student/Post-doc RSC Members	60	70
Student/Post-docs	70	80
Retired RSC members	60	70

Posters

PhD students and early career scientists who would like to present their work as a poster are invited to submit an abstract by 22 August 2017. A Poster Application Form is available from Dr Colin Bedford (c.t.bedford@ucl.ac.uk). Some of these will be selected by the organising committee for short oral presentations.

Travel Grants

PhD students, post-doctoral fellows and early career scientists in industry who are RSC Members and who present a poster can apply for a personal Travel Grant via a link on the RSC website under FUNDING. (No funds for this purpose are available from the organisers.)

Organisers

Klaus Rumpel (Chair), *Boehringer Ingelheim, Vienna, Austria*

Klaus Schneider, *Hochschule Fresenius – University of Applied Sciences, Idstein, Germany*

Colin Bedford, *University College London*

under the auspices of The Biotechnology Group of the Royal Society of Chemistry.

The Biotechnology Group (<http://www.rsc.org/Membership/Networking/InterestGroups/Biotechnology>) is the focal point within the RSC for members who have an academic or industrial interest in the chemical aspects of biotechnology. For more information please feel free to contact the Chairman, Prof Paul Dalby (p.dalby@ucl.ac.uk), or the Secretary, Dr Colin Bedford (c.t.bedford@ucl.ac.uk).