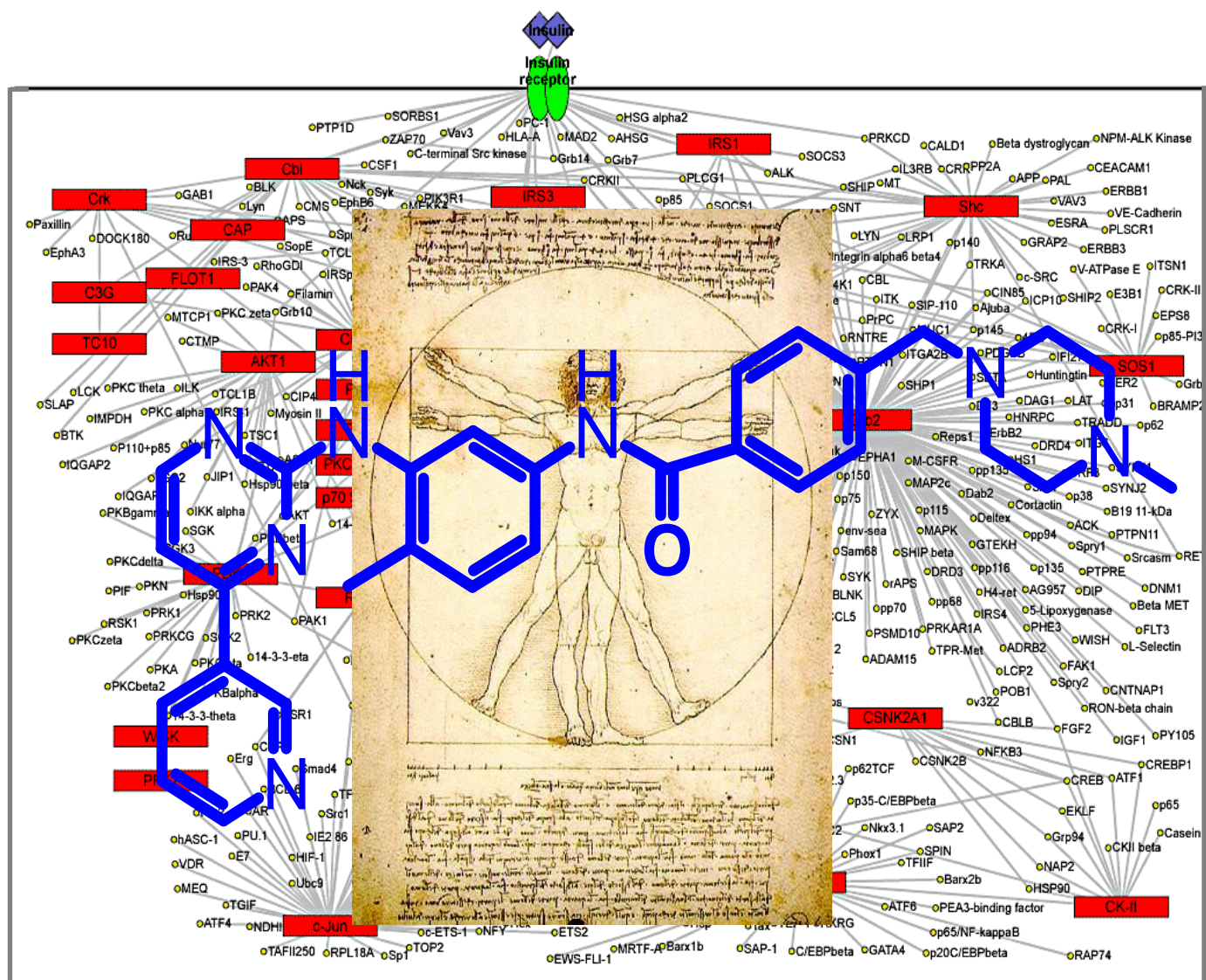


# Chemical Tools in Systems Biology III



**17 Dec 2018**  
**The Chemistry Centre**  
**Burlington House, London**  
**Programme and Application Form**

# ***Chemical Tools in Systems Biology III***

## **17 December 2018, 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 Rumpel

10.00 **Susanne Müller-Knapp** Goethe Universität Frankfurt, Germany  
*The impact of Open Science Chemical Probes*

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: Colin Bedford

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

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

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

14:30 **Sila Ultanir** The Francis Crick Institute, London, UK  
*Chemical genetic methods for kinase substrate identification*

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 **Closing Remarks** Klaus Rumpel

## 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: [chemtoolssysbiol@outlook.com](mailto:chemtoolssysbiol@outlook.com).

A late application fee will apply after **01 December 2017**. Refunds can only be made in respect of cancellations received before 01 December 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 December)
	£	£
RSC members	100	<b>120</b>
Non-members	115	<b>135</b>
Student/Post-doc RSC Members	60	<b>70</b>
Students/Post-docs	70	<b>80</b>
Retired RSC members	60	<b>70</b>

## Posters

PhD students and early career scientists who would like to present their work as a poster are invited to submit an abstract by **October 31 2018**. A Poster Application Form is available from Dr Colin Bedford ([c.t.bedford@ucl.ac.uk](mailto: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.)

## Sponsorship

The organisers are pleased to acknowledge a *Science Meetings Grant* from the Royal Society of Chemistry's *Chemistry and Biology Interface Division* (CBID).

## Organisers

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

Colin Bedford, *University College London*

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

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. For more information please visit the website (<http://www.rsc.org/Membership/Networking/InterestGroups/Biotechnology>) and feel free to contact the Chairman, Prof Paul Dalby ([p.dalby@ucl.ac.uk](mailto:p.dalby@ucl.ac.uk)), or the Secretary, Dr Colin Bedford ([c.t.bedford@ucl.ac.uk](mailto:c.t.bedford@ucl.ac.uk)).