



# Introduction to Epigenetic Drug Discovery

Wednesday 28 March 2012

The Nucleus, Chesterford Research Park, Cambridge, UK

Organised by SCI's Young Chemists' Panel



# Programme

- 09.30** Registration and refreshments
- 10.00** Introduction and welcome
- 10.05** **Beyond DNA: an introduction to epigenetics**  
Dr Karl Nightingale, University of Birmingham, UK
- 10.40** **Epigenetics therapies: today oncology, tomorrow the world**  
Dr Rachel Grimley, Neusentis, UK
- 11.15** **Is oxygen an epigenetic regulator?**  
Prof Christopher Schofield, University of Oxford, UK
- 11.50** **Epigenetic regulators involved in cancer**  
Dr Mark Dawson, Cambridge Institute for Medical Research, UK
- 12.25** Lunch
- 13.30** **Chemoproteomic approach to epigenetic drug targets**  
Dr Gerard Joberty, Cellzome, Germany
- 14.05** **Chemical probes for epigenetics**  
Dr Mark Bunnage, Pfizer, UKK
- 14.40** Refreshments
- 15.15** **Profound and selective epigenetic modulation of the immune system using inhibitors of the BET bromodomain containing complexes**  
Dr Rab Prinjha, GSK, UK
- 15.50** **Does chromatin modification offer a superior approach to the treatment of chronic diseases?**  
Dr Chas Bountra, SGC, UK
- 16.25** Question and answer session
- 16.45** Closing remarks

## Sponsor



## Synopsis

Epigenetics is a rapidly expanding area of research whose importance for the generation of novel therapeutics is becoming increasingly apparent.

This is the first meeting organised by SCI's Young Chemists' Panel covering this emerging area of drug discovery. The aim of the day is to provide participants with a fundamental understanding of Epigenetics and how it relates to Drug Discovery, from an introduction to the underpinning biology and the discovery of novel therapeutic targets to the development of chemical probes and small molecule inhibitors. The day will comprise of a series of lectures from some of the leading names in Epigenetic research from both UK academia and industry. The day will close with a question and answer session which all of the speakers will be involved in.

## Attendees

The meeting is aimed at those studying for a postgraduate degree in the area of medicinal chemistry or working in pharmaceutical or biotechnology industries, in particular those wishing to gain a greater understanding of the fundamental aspects of this emerging area of drug discovery. A booklet will be provided to all participants containing the abstracts and the literature references.

**5% discount applies to this conference by booking online at [www.soci.org/events](http://www.soci.org/events)**

## Organisers

Kathryn Oliver, Cellzome Ltd  
Ben Whittaker, Biofocus  
Nicolas Dreyfus, Lilly  
Ben Buckley, Loughborough University

## Information on SCI

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

SCI is the publisher of many well respected journals and industry leader Chemistry & Industry magazine (C&I). SCI can offer a network of contacts spanning education, science and business, an in-depth knowledge of chemical related industries together with a rolling programme of conferences, awards and scholarships to help further knowledge and support those involved in the sector no matter what stage of their careers.

For more information on the benefits of joining SCI please go to [www.soci.org/membership](http://www.soci.org/membership)

# Registration Form

## Introduction to Epigenetic Drug Discovery

28 March 2012 @ The Nucleus, Cambridge, UK

If you would like to become a member of SCI today, please tick the box below and you can benefit from the SCI discounted member rate on booking this conference  
I would like to become a member of SCI..... Member £90  Student £25

Please tick appropriate box below

Booking Rate before 22 Feb 2012 S

Booking Rate after 22 Feb 2012

SCI Member .....£90

SCI Member .....£105

SCI Student .....£30

SCI Student ..... £35

Subsidised Member .....£60

Subsidised Member .....£70

Non-Member .....£119

Non-Member .....£137

Online bookings at [www.soci.org/events](http://www.soci.org/events) get a 5% discount on above prices

Membership number: .....

Surname ..... First Name.....

Title Mr/Mrs/Dr/Prof/Other.....Position.....

Organisation .....

Address .....

.....

..... Postcode.....

Tel.....

Email .....

Special requirements: (dietary/access/other) .....

Signature .....Date .....

There are 3 ways to pay:

1. Online and receive a 5% discount at [www.soci.org/events](http://www.soci.org/events)
2. Cheques made payable to 'SCI' should be drawn in GB£ and enclosed with form
3. Credit Card. Please debit £..... from my Mastercard/ Visa/ Amex (please circle)

<input type="checkbox"/>															
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Card Expiry Date   /   Signed.....

Please return completed forms to:

SCI Conference Dept, 14/15 Belgrave Square, London, SW1X 8PS  
T: +44 (0) 20 7598 1561; F: +44 (0) 20 7235 7743; E: [conferences@soci.org](mailto:conferences@soci.org)

**Cancellations:** Received in writing 1 to 3 weeks prior to the meeting will be subject to a 20% administration charge. Refunds cannot be made for cancellations received after this period although substitutions may be made. Should unforeseen circumstances occur, SCI reserves the right to alter the content of the programme and cancel or postpone any of its meetings without notice or, in the case of complete cancellation, liability to enrolled delegates other than return of fees.

**Data Protection:**The personal information included on this form will be used by SCI only and will not be disclosed to any third parties. Please tick if you do not wish to be sent details of future similar meetings or other SCI services.

# Payment Details

Register online at: [www.soci.org/events](http://www.soci.org/events)