

Epigenetics



22nd September 2010
NHLI, Kensington, London

Programme:

The first generation of epigenetic modifying drugs (Histone deacetylase inhibitors and DNA methyl transferase inhibitors) have now reached the market place and are rapidly proving themselves as useful agents for a range of oncology indications. An explosion in the amount of research being carried out in this field is underway with a plethora of new histone and DNA modifying drug targets being pursued for a range of therapeutic indications such as oncology, inflammatory disorders and metabolic disease.

This SMR symposium brings together a panel of international speakers across the breadth of research and development in the field of epigenetics drug discovery, to present and discuss new advances and results from early research to clinical data. Topics include the fundamental biology of epigenetics, therapeutic opportunities and approaches, first generation epigenetic drug case histories in oncology and the next generation of epigenetic drugs.

09.00 Registration and coffee

10.00 Session 1: Introducing Epigenetics
Chair – Richard Armer, Lectus Therapeutics
Fundamental Biology of Epigenetics
Karl Nightingale, Birmingham Medical School

10.45 Therapeutic Opportunities in Epigenetics
Nessa Carey, Cellcentric, UK

11.30 Chemical Proteomics Tools for Drug Discovery in Epigenetics
Gerard Drewes, Cellzome AG, Germany

12.15 Lunch

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13.30 Session 2: Marketed Medicines from Epigenetics

Chair – Ruth Lock, Novartis

Zolinza (Vorinostat, SAHA) – Case History

Thomas Miller, Merck, USA

14.15 Dacogen (Decitabine) – Case History

Pierre Wijermans, Haga Hospital, Netherlands

15.00 Tea

15.30 Session 3: Epigenetics – the Next Wave

Chair – Phil Jeffrey, GSK

Second Generation HDAC inhibitors

Stephen Shuttleworth, Karus, UK

16.15 Bromodomains – a tractable Epigenetic target for drug discovery

Jason Witherington, GSK, UK

17.00 Close

Future SMR Meetings:

Trends in Medicinal Chemistry

(December, NHLI)



Epigenetics

Name:

Address:

Tel: Fax:

Dietary Requirements: Vegetarian: Other:

Registration Fees:

SMR members: £80 Non-Members: £120 Honorary Life Member
 Students:* £35 Retired members: £35 (FREE)

Cheque: If you wish to pay by cheque, then please send your cheque made payable to **Society for Medicines Research**, together with this form to the address given below.

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Please note that deductions will be shown on your statement with the reference **'association enterprises ltd'**

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Names and addresses of delegates will be included in a list given to all attendees. If you do **NOT** want your name to appear please tick this box.

Fees once paid are not refundable unless a cancellation is received at least 5 working days prior to the event. Delegate substitutes are permitted at any time. Join on-line at www.smr.org.uk or through our secretariat at the address given below.

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