Day 1
24 June 2015

Inflammation

09.00 Arrival & registration
Coffee, tea & pastries
Entrance Hall, East Wing

Proceedings:
Nelson Mandela Lecture Theatre,
East Wing

09.45 Welcome: Udo Oppermann & Susanne Müller-Knapp, University of Oxford

10.00 Plenary Lecture
Jay Bradner, Dana-Farber Cancer Institute, Harvard Medical School:
Sensitivity & resistance to bromodomain inhibition

11.00 Fiona Powrie, Kennedy Institute, University of Oxford:
Gut reactions: immune pathways in the intestine in health & disease

11.35 Massimiliano Pagani, INGM:
Long intergenic noncoding RNAs: novel drivers of human lymphocyte differentiation

12.10 Lunch/Poster Session
Entrance Hall, East Wing

14.00 Rab Prinjha, GlaxoSmithKline:
Epigenetics: progression of pharmacological tools for the understanding & treatment of disease
14.35 Yannick Morias, AstraZeneca: 
*Understanding the role of epigenetics in regulating human alveolar macrophage polarisation & function in COPD*

15.10 Mattia Frontini, BluePrint Consortium: 
*Enhancer promoter long-range interactions define intra chromosomal regulatory hubs in megakaryopoiesis*

15.25 Adam Cribbs, DPAG/Botnar, University of Oxford: 
*Selective modulation of Natural Killer (NK) cell phenotypes through chromatin modifying mechanisms*

15.40 **Coffee, tea & biscuits**
*Entrance Hall, East Wing*

16.10 Menno de Winther, University of Amsterdam: 
*Macrophages in atherosclerosis: phenotype regulation by epigenetic pathways*

16.45 Paul Bowness & Ariane Hammitzsch, NDORMS, University of Oxford: 
*CBP30, a selective CBP/p300 bromodomain inhibitor, suppresses Th17 responses in human inflammatory arthritis*

17.20 Aoife Ward, Cellzome/GlaxoSmithKline: 
*Global identification of genomic loci bound by epigenetic protein complexes*

17.35 **Close of Day 1**
Day 2
25 June 2015

Epigenetics

Proceedings:
Nelson Mandela
Lecture Theatre,
East Wing

08.50
Introduction: Jörn Walter, Saarland University

09.00
Plenary Lecture
Henk Stunnenberg, Radboud University Nijmegen:
Comprehensive epigenome maps of innate immune cells: identifying therapeutic targets

09.50
Michael Sundström, SGC:
From bedside to the bench: preclinical target validation using patient-cell derived assays

10.25
Tomi Pastinen, McGill University:
Sequence-specific epigenetic variation: opportunities & challenges

11.00
Coffee, tea & biscuits
Entrance Hall, East Wing

11.30
Marco Bianchi, DIBIT, Milan:
Pharmacological reduction of histone levels facilitates gene editing

12.05
Rob Klose, Department of Biochemistry, University of Oxford:
Interpreting the CpG island signal

12.40
Robert Schneider, IGBMC:
H2B methylation – a new guardian of transposable elements

13.15
Lunch
Entrance Hall, East Wing

14.15
Stefan Knapp, Goethe University Frankfurt:
Towards a chemical probe set targeting the human bromodomain family of epigenetic reader domains

14.50
Roland Schuele, University of Freiburg
Posttranslational modified LSD1 controls genome integrity
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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>15.25</td>
<td>Hinrich Gronemeyer, IGBMC Strasbourg</td>
<td>Human cells contain natural double-stranded RNAs with key regulatory potential</td>
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<td>16.00</td>
<td><strong>Coffee, tea &amp; cakes</strong></td>
<td>Entrance Hall, East Wing</td>
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<tr>
<td>16.30</td>
<td>Lucia Altucci, II Università di Napoli</td>
<td>miRNA deregulation in AMLs: hints &amp; tips for precision medicine</td>
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<td>17.05</td>
<td>Michiel Vermeulen, Radboud University Nijmegen</td>
<td>Quantitative interaction proteomics for epigenetics</td>
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<td>17.40</td>
<td>Saverio Minucci, European Institute of Oncology, University of Milan</td>
<td>Chromatin alterations in acute myeloid leukemias as therapeutic opportunities</td>
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<td>18.10</td>
<td><strong>Closing remarks</strong></td>
<td>Chas Bountra, SGC, University of Oxford</td>
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<td>18.40</td>
<td><strong>Close of Day 2</strong></td>
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West Wing, Saïd Business School

Day 3
26 June 2015

Chemistry Workshop

08.30  Registration
Reception, West Wing

Coffee & tea
Classroom 1, West Wing

Proceedings:
Classroom 2, West Wing

09.00  Plenary Lecture
Tim Willson, GlaxoSmithKline:
Chemistry & the search for new (& old) biology

09.45  Dafydd Owen, Pfizer:
From hit to phenotype: the SGC-Pfizer chemical probes

10.10  Panel discussion

10.40  Coffee, tea & pastries
Classroom 1, West Wing

11.10  Matthieu Schapira, SGC, University of Toronto:
Structural chemistry of protein methyltransferase inhibition

11.35  Manfred Jung, University of Freiburg:
New tools to probe sirtuin biology

12.10  Jian Jin, Icahn School of Medicine at Mount Sinai:
Discovery of chemical probes for histone methyltransferases

12.35  Paul Fish, UCL:
Chemical probes for the bromodomain of the BRPF family

12.50  Sara Sdelci, CEMM, Vienna:
REDS: Reporter for Epigenetic Drug Screening
13.10  Lunch  
*Classroom 1, West Wing*

Lunch will include a presentation by Eurofins Cerep at 14.05 in 
*Classroom 2*

Manilduth Ramnath, Eurofins Cerep:  
*Label free high throughput screening of inhibitors against epigenetic writers & erasers*

14.25  Christopher Schofield, Department of Chemistry, University of Oxford:  
*Exploring oxygenases as potential drug targets*

14.50  Danica Fujimori, University of California, San Francisco:  
*Discovery of potent demethylase inhibitors via docking & linking fragments*

15.25  Paul Brennan, SGC, University of Oxford:  
*Chemical probes for epigenetic proteins*

15.50  Panel discussion

16.20  Close of Day 3 & of the Symposium