



InteGeR
INTEGRATED GENE REGULATION:
FROM DNA SEQUENCE TO NUCLEAR STRUCTURE
FP7 MARIE CURIE INITIAL TRAINING NETWORK



WORKSHOP: PERSPECTIVES IN GENOMICS RESEARCH
ST. ANNE'S COLLEGE, OXFORD: DECEMBER 8-9, 2010

PROGRAMME

Wednesday December 8, 2010: Perspectives in Genomics Research
Location: Tsuzuki Lecture Theatre

10.30: Registration opens

12.00-13.00: Lunch

13.00-13.10: Welcome and opening remarks: Jiannis Ragoussis (WTCHG), workshop organizer

Session 1

Chair: Dimitris Thanos (Bioacademy, Athens)

13.10-14.00: Keynote Lecture by Sir Walter Bodmer (Weatherall Institute for Molecular Medicine, Oxford)
Genetics and Genomics (provisional title)

14.00-14.40: Ian Dunham (European Bioinformatics Institute, Cambridge)
The ENCODE project

14.40-15.20: Ana Pombo (MRC Clinical Sciences Center, London)
Genome-wide interplay between Polycomb repression and RNA polymerase II regulation in murine ES cells

15.20-15.50: coffee break

Session 2

Chair: Valerio Orlando (Telethon Institute, Rome)

15.50-16.30: Richard Gibbons (Weatherall Institute for Molecular Medicine, Oxford)
Genomic structural variation and variable disease penetrance in ATR-X syndrome

16.30-17.10: Dimitris Thanos (Biomedical Research Foundation of the Academy of Athens)
Functional topographic mapping of the histone variant macroH2A in the human genome

17.10-17.50: Zoia Larin (Wellcome Trust Center for Human Genetics, Oxford)
Human Artificial Chromosomes



InteGeR
INTEGRATED GENE REGULATION:
FROM DNA SEQUENCE TO NUCLEAR STRUCTURE
FP7 MARIE CURIE INITIAL TRAINING NETWORK



Thursday December 9, 2010: Perspectives in Genomics Research
Location: Tsuzuki Lecture Theatre

Session 3

Chair: Jiannis Ragoussis (WTCHG, Oxford)

9.00-9.40: Roland Wicki (ABI)

From First to Next Generation sequencing Technologies

9.40-10.20: Armin Winands (Ion Torrent)

Semiconductor based sequencing Technology

10.20-11.00: Kalim Mir (Wellcome Trust Center for Human Genetics, Oxford)

Development of new generation sequencing technologies

11.00-11.30: coffee break

11.30-12.10: Michael Zwolak (Los Alamos National Laboratory, USA)

Nanopore based sequencing technologies

12:10-12.50: Mark Ross (Illumina)

Personal Genomics

12.50-13.30: Esteban Ballestar (Bellvitge Institute for Biomedical Research, Barcelona)

Epigenomic Deregulation in Immune Models

St. Anne's College, Oxford:

<http://www.st-annes.ox.ac.uk/conferences/introduction.html>

<http://www.st-annes.ox.ac.uk/about/how-to-find-us.html>

For more information: www.integer-itn.eu/workshops/