

The **BERLIN EPIGENETICS SYMPOSIUM** aims to highlight specific research areas of epigenetics and to discuss innovative approaches contributing to basic and translational aspects. Renown international speakers and invited guests from Berlin research institutions will discuss the potential of epigenetics research in Berlin and beyond.

MARCH 26 • 2012 • 10 AM TO 5:30 PM • CAMPUS BERLIN-BUCH

BERLIN EPIGENETICS SYMPOSIUM

CONFIRMED SPEAKERS

Jörn Walter Universität des Saarlandes, Saarbrücken, D

Giuseppe Macino Università degli Studi di Roma "La Sapienza", Rome, I

Ana Pombo MRC Clinical Sciences Centre, Imperial College London, UK

Michiel Vermeulen University Medical Center Utrecht, NL

Duncan Odom University of Cambridge, UK

Pablo Navarro MRC Centre for Regenerative Medicine, Edinburgh, UK

Monika Gullerova University of Oxford, UK

Organizers Ana Pombo, MRC • Nikolaus Rajewsky, MDC • Matthias Selbach, MDC • Jörn Walter, Uni Saarland

Location MDC.C • Axon Lecture Hall • Campus Berlin-Buch

Panel discussion after speakers presentations

CONTACT & REGISTRATION:

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MDC MAX DELBRÜCK CENTER
FOR MOLECULAR MEDICINE
BERLIN-BUCH
BIMSB THE BERLIN INSTITUTE
FOR MEDICAL SYSTEMS BIOLOGY

 **HELMHOLTZ**
ASSOCIATION

Berlin Epigenetics Symposium – March 26, 2012

- 10:00 **morning coffee**
- 10:30 – 10:40 **Welcome by Walter Rosenthal**
- Chair of the morning session: Giuseppe Macino**
- 10:40 – 11:20 **Jörn Walter**, Universität des Saarlandes, Saarbrücken, D
From genomics to epigenomics: A loftier view of life
- 11:20 – 12:00 **Duncan Odom**, University of Cambridge, UK
Mechanisms and evolution of tissue-specific transcription in mammals
- 12:00 – 12:40 **Ana Pombo**, MRC Clinical Sciences Centre, Imperial College London, UK
Polycomb complexes co-associate with a specific RNA polymerase II variant in ES cells
- 12:40 – 1:30 **lunch break**
- Chair of the afternoon session: Ana Pombo**
- 1:30 – 2:00 **Pablo Navarro**, MRC Centre for Regenerative Medicine, Edinburgh, UK
A new topology of the core regulatory network of mouse ES cells
- 2:00 – 2:30 **Monika Gullerova**, University of Oxford, UK
Co-transcriptional gene silencing induced by convergent transcription in mammalian cells
- 2:30 – 3:10 **Michiel Vermeulen**, University Medical Center Utrecht, NL
Quantitative proteomics for epigenetics
- 3:10 – 3:30 **coffee break**
- 3:30 – 4:10 **Giuseppe Macino**, Università degli Studi di Roma "La Sapienza", Rome, I
High-throughput biochemical target investigation unveils miR-21 as a negative modulator of signal transduction in T-lymphocytes
- 4:10 – 5:00 **Panel Discussion – chaired by Nikolaus Rajewsky**
Giuseppe Macino, Ana Pombo, Walter Rosenthal, Jörn Walter
Current and future epigenetics research developments