

CGC/CBG meeting Epigenetics and non-coding RNAs

10 & 11 November 2011

Koninklijk Instituut voor de Tropen, Mauritskade 63, Amsterdam

Thursday November 10

- 9:00- 9.30 *Registration & welcome with coffee*
Chair Reuven Agami
- 9.30 – 10.00 **Witold Filipowicz** (Friedrich Miescher Institute, Basel, Switzerland)
Mechanisms and regulation of miRNA-mediated repression in metazoa
- 10.00 – 10.30 **Robert Singer** (Albert Einstein College of Medicine, New York, NY, USA)
Following single RNAs in living cells
- 10.30 – 11.15 *Break*
- 11.15 – 11.45 **Ramin Shiekhattar** (The Wistar Institute, Philadelphia, PA, USA)
Elucidating the function of enhancer-like RNAs
- 11.45 – 12.30 Short talk by **Jarno Drost** (NKI-AVL, Amsterdam)
p-53 dependent enhancer RNAs
- Short talk by **Selina van Leeuwen** (LUMC, Leiden)
Involvement of long non-coding RNAs in regulating transcription of Sox genes
- 12.30 – 13.30 *Lunch*
Chair Maarten van Lohuizen
- 13.30 – 14.00 **Kristian Helin** (Copenhagen Biocenter, Copenhagen, Denmark)
Functional roles of TET proteins and hydroxymethylation in stem cells and cancer
- 14.00 – 14.30 **Bing Ren** (University of California, La Jolla, CA, USA)
Base-resolution analyses of parent-of-origin and sequence dependent allele specific DNA methylation in the mouse genome
- 14.30 – 15.15 *Break*
- 15.15 – 16.00 Short talk by **Valerio Orlando** (Dulbecco Telethon Institute, Rome, Italy)
A global role for chromatin associated RNAi components in transcriptional regulation
- Short talk by **Leonie Kamminga** (Hubrecht Institute, Utrecht)
Ezh2 and the maintenance of tissue homeostasis during embryonic development of the zebrafish
- 16.00 – 16.45 **Eran Segal** (Weizmann Institute of Science, Rehovot, Israel)
Unraveling the rules of transcriptional regulation using large-scale libraries of designed promoter sequences

Friday November 11

- 9.00 – 9.30 *Registration & welcome with coffee*
Chair Bas van Steensel
- 9.30 – 10.00 **Edith Heard** (Institut Curie, Paris, France)
Non-coding RNAs in X inactivation
- 10.00 – 10.30 **Wolf Reik** (London Research Institute, London, UK)
Imprinting and non-coding RNAs
- 10.30 – 11.15 *Break*
- 11.15 – 11.45 **Mikiko Siomi** (Keio University School of Medicine, Tokyo, Japan)
PIWI-interacting RNA in Drosophila germline
- 11.45 – 12.15 **Klaus Rajewsky** (Harvard Medical School, Boston, MA, USA)
Hunting functional miRNA targets
- 12.15 – 13.30 *Lunch*
Chair Thijn Brummelkamp
- 13.30 – 14.00 **Haruhiko Siomi** (Keio University School of Medicine, Tokyo, Japan)
Maelstrom, a component of the piRNA pathway, coordinates
microtubule organization during Drosophila oogenesis through
interaction with components of the MTOC
- 14.00 – 14.30 **Robert Darnell** (The Rockefeller University School, New York, NY,
USA)
Maps of the RNA world
- 14.30 – 15.00 *Break*
- 15.00 – 15.30 **Howard Chang** (Stanford University, Stanford, CA, USA)
Genome regulation by long noncoding RNAs
- 15.30 - 16.00 **Nahum Sonenberg** (McGill University, Montreal, Canada)
Mechanism of action of miRNA
- 16.00 *Closure*