
Wednesday 13 October 2010

- 14:00 - 16:45 **Arrival and Registration**
ATC Registration Desk
- 16:45 - 17:00 **Welcome Remarks**
ATC Auditorium
- 17:00 - 20:15 **SESSION 1. Non- coding RNAs in prokaryotes**
Chair: Gerhart Wagner
ATC Auditorium
- 17:00 - 17:30 **Active RNA cycling on Hfq**
Gerhart Wagner
Uppsala University, Sweden
- 17:30 - 18:00 **Prokaryotic antiviral defence mediated by CRISPR RNA**
John van der Oost
Wageningen University, Netherlands
- 18:00 - 18:15 **The mechanism of pRNA-mediated release of RNA polymerase from Bacillus subtilis 6S-1 RNA**
Benedikt Beckmann
Philipps Universität Marburg, Germany
- 18:15 - 18:45 **COFFEE BREAK**
ATC Foyer
- 18:45 - 19:15 **5' target binding domains in Hfq-associated small RNAs**
Jörg Vogel
Würzburg University, Germany
- 19:15 - 19:45 **A current view of RNA-dependent regulatory networks in Staphylococcus aureus**
Pascale Romby
CNRS, France

- 19:45 - 20:00 **Small regulatory RNAs and magnesium homeostasis in Escherichia coli**
Maude Guillier
IBPC, Paris, France
- 20:00 - 20:15 **Systematic identification of global non-protein-coding RNA transcriptome in Mycobacterium tuberculosis H37Rv**
Chee Hock Hoe
Advanced Medical and Dental Institute, University Sains Malaysia, Malaysia
- 20:30 - 22:00 **DINNER**
EMBL Canteen

Thursday 14 October 2010

- 09:00 - 12:15 **SESSION 2. miRNAs function and mechanisms I**
Chair: Matthias W. Hentze
ATC Auditorium
- 09:00 - 09:30 **Structure-function studies of mechanism of action of budding yeast and human Dicer**
Dinshaw Patel
Memorial Sloan-Kettering Cancer Center, United States of America
- 09:30 - 10:00 **Mechanisms of miRNA-mediated gene silencing**
Elisa Izaurralde
Max Planck Institute for Developmental Biology, Germany
- 10:00 - 10:15 **A Novel miRNA Processing Pathway Independent of Dicer Requires Argonaute2 Catalytic Activity**
Antonio Giraldez
Yale University, United States of America
- 10:15 - 10:45 **COFFEE BREAK**
ATC Foyer
- 10:45 - 11:15 **Mechanism of translational control by Drosophila miR-2**
Matthias W. Hentze
EMBL, Germany
- 11:15 - 11:45 **Mechanisms and Regulation of miRNA Repression and miRNA Metabolism in Mammalian Cells**
Witold Filipowicz
Friedrich Miescher Institute for Biomedical Research, Switzerland
- 11:45 - 12:00 **A Combined RNA IP and Targeted Proteomics Approach Identifies a Subgroup of Mainly Translationally Regulated miRNA Targets in C. elegans**
Marko Jovanovic
University of Zurich, Switzerland

- 12:00 - 12:15 **Antagonistic role of MBNL1 and Lin28 in the regulation of pre-miR-1 processing is associated with heart defects in Myotonic Dystrophy type 1**
Frederique Rau
IGBMC, France
- 12:30 - 14:00 **LUNCH**
ATC Foyer
- 14:00 - 17:15 **SESSION 3. miRNAs function and mechanisms II**
Chair: Narry Kim
ATC Auditorium
- 14:00 - 14:30 **MicroRNAs and their Regulatory Targets**
David Bartel
MIT/Whitehead Institute/HHMI, United States of America
- 14:30 - 15:00 **Regulation of MicroRNA**
Narry Kim
Seoul National University, Korea, Republic of
- 15:00 - 15:15 **Constructing a human miRNA expression atlas of normal and cancerous tissues**
Willemijn Gommans
InteRNA technologies, Netherlands
- 15:15 - 15:45 **COFFEE BREAK**
ATC Foyer
- 15:45 - 16:15 **MicroRNA functions: Insights from Drosophila Genetics**
Stephen Cohen
Institute of Molecular and Cell Biology, Singapore
- 16:15 - 16:45 **Regulation of MicroRNA Expression and Function**
Victor Ambros
University of Massachusetts Medical School, United States of America

- 16:45 - 17:00 **miR-9 gets hairy: positional regulation of neurogenesis**
Boyan Bonev
University of Manchester, United Kingdom
- 17:00 - 17:15 **Intercellular exchange of microRNA during immune interactions**
Maria Mittelbrunn
*Centro Nacional de Investigaciones Cardiovasculares
CNIC, Spain*
- 17:30 - 19:30 **POSTER SESSION I - odd numbers**
ATC Helices A and B
- 19:30 - 21:30 **DINNER**
EMBL Canteen

Friday 15 October 2010

- 09:00 - 12:15 **SESSION 4. siRNAs and piRNAs: Biogenesis and function**
Chair: Greg Hannon
ATC Auditorium
- 09:00 - 09:30 **Conserved Roles of small RNAs in genome defense**
Gregory Hannon
Cold Spring Harbor Laboratory, United States of America
- 09:30 - 10:00 **Primary piRNA biogenesis in Drosophila germline**
Mikiko Siomi
Keio University, Japan
- 10:00 - 10:15 **An in vivo RNAi assay identifies major genetic and cellular requirements for somatic piRNAs biogenesis in Drosophila**
Daniel Olivieri
IMBA, Austria
- 10:15 - 10:45 **COFFEE BREAK**
ATC Foyer
- 10:45 - 11:15 **Genetic dissection of plant RNA degradation pathways: lessons from silent transgenes**
Hervé Vaucheret
INRA, France
- 11:15 - 11:45 **Identification of miRNA and RNA-binding protein targets**
Mihaela Zavolan
University of Basel, Switzerland
- 11:45 - 12:00 **A conserved tudor domain protein, Tejas, functions to repress retroelements via piRNA pathway in the germline of Drosophila melanogaster**
Veena Patil
Temasek Life Sciences Laboratory, Singapore

- 12:00 - 12:15 **Transposon silencing by germline small RNAs**
Ramesh Pillai
EMBL Grenoble, France
- 12:30 - 14:00 **LUNCH**
ATC Foyer
- 14:00 - 17:15 **SESSION 5. Transcriptional gene silencing**
Chair: Nicholas Proudfoot
ATC Auditorium
- 14:00 - 14:30 **Regulation of convergent and divergent genes in yeast:
non coding RNA connections**
Nicholas Proudfoot
University of Oxford, United Kingdom
- 14:30 - 15:00 **Epigenetic Genome Control by heterochromatin and
RNAi machinery**
Shiv Grewal
*National Institutes of Health, National Cancer Institute,
Laboratory of Biochemistry and Molecular Biology, United
States of America*
- 15:00 - 15:15 **Non-coding RNA and DNA methylation: Epigenetic
control of nucleolar transcription**
Kerstin-Maike Schmitz
German Cancer Research Center, Germany
- 15:15 - 15:45 **COFFEE BREAK**
ATC Foyer
- 15:45 - 16:15 **Mobile short RNAs and genome defense in plants**
David Baulcombe
University of Cambridge, United Kingdom
- 16:15 - 16:45 **The X as model for ncRNA regulation of the epigenome**
Jeannie Lee
Massachusetts General Hospital, United States of America

- 16:45 - 17:00 **Pc-G-dependent -not HP1-dependent- chromatin structures silence retrotransposons in somatic tissues**
Chantal Vaury
GReD, France
- 17:00 - 17:15 **XUT, a novel class of antisense regulatory ncRNA in yeast**
Antonin Morillon
CNRS-Institut Curie, France
- 17:30 - 19:30 **POSTER SESSION II – even numbers**
ATC Helices A and B
- 19:30 - 21:00 **GALA DINNER**
EMBL Canteen
- 21:00 - 23:30 **PARTY**
ATC Foyer

Saturday 16 October 2010

- 09:00 - 12:15 **SESSION 6. Long non-coding RNAs**
Chair: Laura Ranum
ATC Auditorium
- 09:00 - 09:30 **Genomic imprinting and large, repeated arrays of microRNA genes: Cause? Consequence? Coincidence?**
Jérôme Cavallé
LBME-CNRS, Université Paul Sabatier, France
- 09:30 - 10:00 **Target availability legitimizes RISC residency of microRNAs in vitro and in vivo**
Helge Grosshans
Friedrich Miescher Institute for Biomedical Research, Switzerland
- 10:00 - 10:15 **Non-coding Satellite III RNAs associate with delayed chromosomes in mitosis**
Giuseppe Biamonti
Consiglio Nazionale delle Ricerche, Italy
- 10:15 - 10:45 **COFFEE BREAK**
ATC Foyer
- 10:45 - 11:15 **Double Trouble: RNA and Protein Effects in Microsatellite Expansion Disorders**
Laura Ranum
University of Minnesota, United States of America
- 11:15 - 11:45 **Uncoupling of siRNA production and heterochromatin formation in fission yeast**
Karl Ekwall
Karolinska Institutet, Sweden
- 11:45 - 12:00 **Molecular dissection of TERRA biogenesis**
Antonio Porro
EPFL, Switzerland

- 12:00 - 12:15 **Reassessing the non-coding landscape of vertebrate genomes.**
Jennifer Harrow
Wellcome Trust Sanger Institute, United Kingdom
- 12:15 - 14:00 **LUNCH**
EMBL Canteen
- 14:00 - 17:00 **SESSION 7. Non-coding RNAs of unknown function**
Chair: Torben Jensen
ATC Auditorium
- 14:00 - 14:30 **Eukaryotic Transcriptomes: Complex, multifunctional, compartmentalized and elegant**
Thomas Gingeras
Cold Spring Harbor Laboratory, United States of America
- 14:30 - 15:00 **Uncovering layers of human RNA polymerase II transcription**
Torben Jensen
Aarhus University, Denmark
- 15:00 - 15:15 **Functional characterization of rodent-specific Lazarus noncoding RNA loci**
Ana Marques
University of Oxford, United Kingdom
- 15:15 - 15:45 **COFFEE BREAK**
ATC Foyer
- 15:45 - 16:15 **A Missing Link in Cancer**
John Rinn
Harvard Medical School, United States of America
- 16:15 - 16:45 **Regulation of RNA polymerase II transcription by SINE encoded ncRNAs**
Jennifer Kugel
University of Colorado, Boulder, United States of America

16:45 - 17:00 **Small peptides switch the transcriptional activity of shavenbaby during embryonic epidermis morphogenesis**

Serge Plaza
CNRS, France

17:00 - 17:10 **Concluding Remarks**
ATC Auditorium