SAPIENZA
UNIVERSITÀ DI ROMA

Department of Biology and Biotechnology "Charles Darwin"

Joint meeting:
People Marie Curie ITN "RNATRAIN" – RNA day group

PROGRAM

September 7, 2015

09.00-09.30 **WELCOME ADDRESS – Irene Bozzoni and Anders Lund**

09.30-10.00 **INGRID GRUMMT** – German Cancer Research Center, Heidelberg
Ménage-à-trois: DNA:RNA triplexes target chromatin modifiers to regulatory gene sequences

10.00-10.30 **MASSIMILIANO PAGANI** – INGM, Milan
Long intergenic noncoding RNAs: novel drivers of human lymphocyte differentiation

10.30-11.00 **CHRIS PONTING** – University of Oxford
Competitive endogenous RNAs modulate mitochondrial OXPHOS

11.00-11.30 COFFEE BREAK

11.30-12.00 **STEFANO GUSTINCICH** – IIT Genova & SISSA Trieste
SINEUPs: a new functional class of natural and synthetic antisense long non-coding RNAs that activate translation -

12.00-12.30 **OLIVER BISCHOF** – Institut Pasteur, Paris
The Short and Long of Noncoding RNAs in Cell Senescence

12.30-13.00 **FABRIZIO D'ADDA DI FAGAGNA** – IFOM, Milan & IGM-CNR
The role of non coding RNA in DNA damage response modulation

13.00-13.30 **BATTISTELLI CECILIA** – Sapienza University, Rome
A lncRNA-mediated interaction between Snail and Ezh2 governs epigenetic modifications causal to EMT of the hepatocyte

13.30-15.00 LUNCH

15.00-15.30 **ULF ANDERSSON ØROM -** Max Planck Inst. for Molecular Genetics, Berlin
Identifying long non-coding RNAs in enhancer function

15.30-16.00 **IVANO LEGNINI** – Sapienza University, Rome
Circular RNAs regulate myogenesis

16.00 – 16.15 **STEFANO DINI MODIGLIANI** – IIT, Rome
circRNAs in motoneuron differentiation

16.15 – 16.30 **LISA FRANKEL** - University of Copenhagen
lncRNAs and miRNAs as regulators of cellular clearance by autophagy

16.30 – 17.00 COFFEE BREAK

17.00 – 17.15 **DANIELE HASLER** – University of Regensburg, Germany
Ambiguous pre-tRNAs: an RNA-binding protein as gatekeeper for correct non-coding RNA maturation

17.15 – 17.30 **ROSSI MARIANNA NICOLETTA** – Sapienza University, Rome
The long non coding RNA kcnq1ot1 participates in the regulation of p57 expression during muscle cell differentiation

17.30 – 17.45 **MONICA BALLARINO** – Sapienza University, Rome
lncRNPs and control of chromatin structure

17.45 – 18.00 **COTELLA DIEGO –** University of Piemonte Orientale, Novara
RIDome: drafting the RNA-binding proteome through the selection of open reading frames

18.00 – 18.15 **COLOTTI GIANNI –** Sapienza University, Rome
Identification of peptides able to rescue the pathological phenotype associated with mitochondrial tRNAs mutations responsible for severe human diseases

18.15 – 19.30 LITE BITES

PROGRAM - September 8, 2015

09.15 -09.45 **VALERIO FULCI** – Sapienza University, Rome
RNAi components cooperate with SWI/SNF chromatin remodeling complex to determine nucleosome occupancy at human TSS

09.45-10.15 **DAVIDE GABELLINI** – San Raffaele Scientific Institute, Milan
Molecular characterization of DBE-T lncRNA driving FSHD muscular dystrophy

10.15-10.30 **SCHOEFTNER STEFAN** – University of Trieste
Telomere transcription and genomic stability

10.30-10.45 **MIANO VALENTINA** – University of Turin
Estrogen Receptor α regulated lncRNAs in the maintenance of the luminal phenotype in breast cancer cells

10.45-11.15 COFFEE BREAK

11.15-11.45 **FRANCESCO NICASSIO** – IIT, Milan
Insights into miRNA functions and regulation by their degradation dynamics

11.45-12.00 **FABIO MARTELLI** – IRCCS-Policlinico San Donato, Milan
Non coding RNAs and tissue response to hypoxia

12.00-12.15 **ANGELA GALLO** – Bambino Gesù Children's Hospital, Rome
Molecular Mechanism and Possible Therapeutic Implications of ADAR enzymes in Glioblastoma

12.15-12.30 **PICARDI ERNESTO** – University of Bari & IBBE CNR
Profiling RNA editing in human tissues: towards the inosinome Atlas

12.30-12.45 **PIETRO LANEVE** – IIT, Rome
A novel neuronal-induced linc-RNA involved in medulloblastoma tumorigenesis

12.45-13.00 **ALESSANDRO FATICA** – Sapienza University, Rome
A novel competing-endogenous RNA regulates proliferation and differentiation of acute myeloid leukemia cells