



RNA DAY PROGRAM - September 12, 2013

- 12.45-13.00 **Welcome address**
- 13.00-13.25 **Davide Gabellini** (Division of Regenerative Medicine, San Raffaele, Milano)
FSHD muscular dystrophy provides a molecular understanding of the repetitive (epi)genome
- 13.25-13.45 **Mariangela Morlando** (Dip. Biologia e Biotechnologie Sapienza, Univ. di Roma)
Biogenesis and function of long non coding RNA in muscle differentiation
- 13.45-14.05 **Francesco Nicassio** (IIT@SEMM - Milano)
Functions and regulation of microRNAs during cell state transitions
- COFFEE BREAK**
- 14.35-14.55 **Andrea Dal Mas** (Human Molecular Genetics , ICGEB, Trieste)
Exon Specific U1 strategy for correction of exon skipping defects
- 14.55-15.10 **Angela Gallo** (Ospedale Pediatrico Bambino Gesù, Roma)
RNA editing enters the limelight in cancer
- 15.10-15.25 **Daniela Taverna** (Università di Torino)
microRNAs in tumor progression
- 15.25-15.40 **Eleni Anastasiadou** (Dip. Medicina Sperimentale, Sapienza Univ. Di Roma)
Epstein-Barr virus alters phenotype of terminally differentiated B cells through miR-21 upregulation
- 15.40-15.55 **Aniello Russo** (Seconda Università di Napoli)
Role of human miR-125a-5p in hepatitis B virus infection
- COFFEE BREAK**
- 16.25-16.40 **Valentina Miano** (Università di Torino)
Characterization of estrogen receptor alpha regulated lncRNA in breast cancer cells
- 16.40-16.55 **Stefano Dini-Modigliani** (Dip. Biologia e Biotechnologie Sapienza, Univ. di Roma)
The impact of post-transcriptional regulation of FUS/TLS in Amyotrophic Lateral Sclerosis
- 16.55-17.10 **Silvia Galardi** (Università Tor Vergata, Roma)
miR and Myc in glioblastoma cells
- 17.10-17.25 **Rocco Palermo** (IIT, Roma)
Notch3 and NF- κ B regulate the oncogenic role of miR-223 in T Cell Acute Lymphoblastic Leukemia



- 17.25-17.40 **Giulia Fontemaggi** (IRE, Roma)
miRNA and head and neck tumors
- 17.40-17.55 **Evelina Miele** (Dip. di Medicina Molecolare, Sapienza Università di Roma)
Transcriptome of mouse neuronal and medulloblastoma stem cells

COCKTAIL

RNA DAY PROGRAM - September 13, 2013

- 09.00-09.25 **Stefano Gustincich** (SISSA - Trieste)
SINEUPs: a new class of natural and synthetic antisense long non-coding RNAs that activate translation
- 09.25-09.45 **Roberto Gherzi** (Gene Expression Regulation Laboratory IRCCS, Genova)
KSRP and the ncRNA network
- 09.45-10.05 **Daniele Catalucci** (Inst. of Genetic & Biomedical Research, CNR-UOS of Milan)
MiR-133 inhibits cardiac apoptosis by targeting the AR signaling pathway
- 10.05-10.25 **Massimiliano Pagani** (INGM - Istituto Nazionale Genetica Molecolare)
Regulatory RNA in human immune system

COFFEE BREAK

- 10.55-11.10 **Sandro Banfi** (Seconda Università di Napoli)
miRNA and retinal function
- 11.10-11.25 **Monica Ballarino** (Dip. Biologia e Biotecnologie Sapienza, Univ. di Roma)
Future perspectives on the role of long non coding RNAs in muscle differentiation
- 11.25-11.40 **James Hughes** (Dip. Biologia e Biotecnologie Sapienza, Univ. di Roma)
Identification of CEBPa-regulated long non-coding RNAs in acute myeloid leukemia
- 11.40-11.55 **Cecilia Battistelli** (Dip. di Biotec. Cell. e Ematol., Sapienza Univ. Roma)
ncRNAs and epigenetic modification in cellular plasticity
- 11.55-12.10 **Miguel Mano** (ICGEB, Trieste)
Analysis of microRNA function by High-Throughput Screening
- 12.10-12.25 **Andrea De Martino** (Dip. di Fisica, Sapienza-CNR)
Quantitative models of post-transcriptional regulation
- 12.25-12.40 **Valerio Di Carlo** (IBPM-CNR, Roma)
TDP-43 Regulates the Microprocessor Complex Activity during in vitro Neuronal Differentiation
- 12.40-12.55 **Sergio Nasi** (IBPM-CNR, Roma)
miR : neuronal development and pathology