

NONCODING RNA WORKSHOP

ORGANIZER: *Prof. Paolo Gandellini*

June 15-16, 2023

Room G14



PROGRAM

13.00-13.30: Paolo Gandellini, Introduction

13.30-14.30: *Irene Bozzoni*, Opening Lecture “Decoding non-coding RNA function in physiology and pathology”

14.30-15.30: *Francesco Nicassio*, “Killing miR-softly: new insights into microRNA biology”

15.30-16.30: *Alessia Ciarrocchi*, “The amazing world of lncRNAs, hidden master of gene expression and epigenetic regulation”

16.30-17.30: *short talks* by Unimi PhD students (session I)

**GIULIA
PAGANI**

The pancancer overexpressed NFYC antisense 1 controls the cell cycle through in cis and in trans modes of action

**ELENA
ROMITO**

LSD1 splicing modulation by the lncRNA Malat1: a novel pathomechanism involved in neuropsychiatric diseases?

**VALERIA DI
GIOIA**

LINE1-transcripts act as epigenetic regulators of T-cell identity through the assembly of chromatin condensates

**SARAH
STUCCHI**

The molecular basis of epigenetic inheritance in humans

17.30-18.00: Day sum-up and discussion



Friday June 16, 2023, G14 classroom

PROGRAM

9.00-10.00: *Mara Maldotti*, "Deciphering the lncRNA-protein interactions: the recruitment of acetyltransferase p300 to enhancer regions"

10.00-11.00: *Stefano Gustincich*, "SINEUPs as a functional class of natural and synthetic antisense lncRNAs enhancing translation"

11.00-12.00: *short talks* by Unimi PhD students (session II)

**ROBERTO
ALBANESE**

Exploiting ribosome profiling to study translation-dependent degradation of noncoding transcripts

**LUCREZIA
TRASTUS**

Can the inhibition of telomeric DNA damage response rescue the cellular and systemic effects of acute DNA damage?

**ANA LUCIA
CUADROS
GAMBOA**

The lncRNA PHOX2B-AS1 in the pathogenesis and as potential drug target in Congenital Central Hypoventilation Syndrome (CCHS)

12.00-13.00: *free lunch*

13.00-14.00: *Stefania Corti*, "RNA target therapy in neurological disorders"

14.00-15.00: *Marilena Iorio*, "microRNAs as tools to predict and overcome drug resistance: a focus on breast cancer"

15.00-16.00: Final discussion and conclusions

