

EMBL/SAPIENZA PhD meeting

26-27 September, 2016

Building CU026, Aula A, Sapienza

Monday 26 September

14:00-14:10 Welcome address – Irene Bozzoni – Sapienza

Moderator: Beatrice Bodega

14.10 -14.40 **ENRICO AVVEDIMENTO** – University of Naples “Federico II”, Naples
“Nuclear hormones couple Histone and DNA methylation cycles to induce chromatin loops and initiate transcription”

14.40-15.10 **MASSIMILIANO PAGANI** – INGM, Milan
“Transcriptional landscape of human tissue lymphocytes unveils uniqueness of tumor-infiltrating T regulatory cells”

15.10– 15.50 COFFEE BREAK – INFORMAL DISCUSSION

Moderator: Manish Kumar

16:00-16.30 **MIN NOH** – EMBL, Heidelberg
“Chromatin function in developing neurons and neurodevelopmental disorders”

16:30-16:50 **MANISH KUMAR** – EMBL, Monterotondo
“Probing the epigenetic basis of epistasis in the regulation of serum Immunoglobulin-M (IgM)”

16.50-17.20 **JAMIE HACKETT** – EMBL, Monterotondo
“Understanding cell fate”

17:30-19:00 LITE BITES

Tuesday 27 September

Moderator: *Massimiliano Pagani*

9:30-10:00 **DAVIDE GABELLINI** – San Raffaele, Milan

“Epigenetic regulation in skeletal muscle and adipose tissue”

10:00-10:30 **MONICA BALLARINO** – Sapienza University, Rome

“Lnc-405 modulates myogenesis by influencing nuclear architecture”

10:30 -11:00 **MARCO MARCIA** – EMBL, Grenoble

“Molecular mechanism of transcriptional repression: structural studies on lncRNA-protein interactions”

11:00 – 11:20 COFFEE BREAK

Moderator: *Davide Gabellini*

11:30-12:00 **BEATRICE BODEGA** – INGM, Milan

“Unraveling the DNA repeats contribution in shaping 3D genome architecture of normal and FSHD-associated myogenic differentiation.”

12:00-12:20 **CHIARA MOZZETTA** – Sapienza University, Rome

“Epigenetic regulation of muscle resident stem cells during skeletal muscle regeneration and disease”

12:20-12:40 **JULIE MARTONE** – Sapienza University, Rome

“Epigenetic control of Celf2a, a splicing factor involved in Duchenne pathology”

12:40- 13:00 **ANDREAS HIERHOLZER** – EMBL, Monterotondo

“A long noncoding RNA as a putative candidate for the X controlling element (Xce)”

13:00-14:00 LUNCH

Moderator: Alessandro Fatica

14:10-14:40 **CHRISTOPHE LANCRIN** – EMBL, Monterotondo

“Use of single cell transcriptomics to study blood stem cells formation”

14:40-15:00 **ANDREA CERASE** – EMBL, Monterotondo

“Defining the role of chromatin remodelers in X chromosome inactivation”

15:00-15:20 **ANDREAS BUNESS** – EMBL, Monterotondo

“Transcriptional analysis at single cell level”

15:20-15:40 **ALESSANDRO CICCONI** – Sapienza University, Rome

“Characterization of the Drosophila telomeric complex”

15:40-16:00 **MARTA MARZULLO** – Sapienza University, Rome

“The role of pendolino in epigenetic regulation of Drosophila telomere capping”

16:00-16:20 **MELISSA SORCI** – Sapienza University, Rome

“Functional role of the RNA m6A methylation complex in Acute Myeloid Leukemia”

Final Remarks and Discussion – Phil Avner - EMBL, Monterotondo

Departures