Course in gene expression in model systems

2 CFU

(Organized by C. Missero)

Day 1:

(2h) Tiziana Angrisano, Dept of Biology - *DNA methylation and chromatin state dynamics during differentiation*

(2h) Stefano Amente, School of Medicine, *Transcription and DNA damage: two sides of same coins*

Day 2:

(2h) Marco Salvemini, Dept of Biology - *RNA-seq and bioinformatics for in silico gene expression analysis*

(2h) Giuliana Napolitano, Dept of Biology - *Charity begins at home: the dark matter of the genome contributes to DNA repair*

Day 3:

(2h) Marcella Cesana, TIGEM. "Gene expression regulation in stem cells: an RNA perspective"

(2h) Ivan Conte, TIGEM and Dept of Biology (title to be defined)

Day 4:

(2h) Serena Aceto, Dept of Biology - Role and evolution of the transcriptional regulatory modules involved in flower development

Day 5:

(2h) Silvia Parisi, School of Medicine - Gene expression regulation during the exit from the naïve state of pluripotent stem cells