



PEP-NET

European
Commission

Predictive Epigenetics: Fusing Theory and Experiment

PEP-NET Online Seminar Series

Organizers: Gemma Noviello ([ESR2](#)), Karen A. Oliveira ([ESR8](#)) and Mihaela Pruteanu (PEP-NET Manager)

Wednesday, 4 pm (CET)

Date	Speaker(s)	Speaker's name & Title of the talk	Host
16 March 2022	2xESRs	Jana (ESR5, FMI): Using Live-cell Imaging to investigate Enhancer-driven Transcriptional Dynamics & Andrea (ESR14, Diagenode): Solving the multi-alignments challenge for interrogating non-coding RNA-seq: MGcount	Sol Schwartzman (Diagenode)
30 March 2022	PEP-NET ESR virtual workshop		
13 April 2022	1xPI	Nacho Molina (IGBMC) Modelling gene regulation dynamics during the cell cycle in single embryonic stem cells	Karen (ESR8)
27 April 2022	2xESRs	Gemma (ESR2, MPI): Analog tuning of gene expression with CasTuner & Jan (ESR4, NBI): Combined global positive and negative feedback enable confinement of bistable epigenetic states	
11 May 2022	1xPI	Antoine Coulon (CNSR) Probing chromosome mechanics in interphase nucleus	Jana (ESR5) & Luca Giorgetti (FMI)
25 May 2022	2xESRs	Karen (ESR8, CERBM): Modelling Transcription Factors Search and Polymerase Recruitment Dynamics within a complex chromatin structure & Meredith (ESR11, UOXF): Transcription dynamics through time and metabolic changes	Nacho Molina (CERBM)
8 June 2022	1xPI	Ramon Grima (University of Edinburgh)	Meredith (ESR11) & Jane Mellor (UOXF)
22 June 2022	2xESRs	Svenja (ESR3, JIC) & Tom (ESR9, OSR)	

6 July 2022	1xPI	Martin Howard (JIC)	Svenja (ESR3)
20 July 2022	2xESRs	Jenny (ESR10, MDC)	