



Pre-Conference - 24.09



2nd Meeting on:
**Epigenetics and Epigenomics
in Health and Disease**

Conference - 24.09 & 26.09

Wednesday, September 24th, 2025

Science Gateway (Pre-Conference Event)



<u>Time</u>	<u>Session</u>
10.00 a.m.-10.30 a.m	Pre-Meeting Registration
10:30 a.m. – 10:45 a.m.	Welcome
10:45 a.m. – 11:30 a.m.	Event 1 - A Journey in Academia and Beyond
11:30 a.m. – 12:30 p.m.	Event 2 - Career Paths in Action: How to Transition from Academia to Industry?
12:30 p.m. – 1:30 p.m.	Networking Lunch
1:30 p.m. – 2:30 p.m.	Event 3 - Research Spotlight: Short Oral Presentations by Early-Career Scientists
2:30 p.m. – 3:30 p.m.	Event 4 - Career Speed Dating: Connect and Grow
3:30 p.m. – 4:30 p.m.	Event 5 - Choose Your Career Adventure: Collaborative Challenge. Solve Real-World Life Science Problems



Wednesday, September 24th, 2025

Conference

<u>Time</u>	<u>Session/Talk</u>	<u>Speaker</u>
5:00 p.m. – 7:00 p.m.	Conference Registration (Dinner on your own)	
7:00 p.m. – 7:15 p.m.	Opening Remarks by François Fuks	
7:15 p.m. – 8:35 p.m.	Session 1: Fundamental Mechanisms in chromatin Chair : Ernesto GUCCIONE, USA	
7:15 p.m. – 7:35 p.m.	<i>Epigenetics and Inheritance</i>	Danny REINBERG, USA
7:35 p.m. – 7:55 p.m.	<i>Towards new cancer medicines with degraders of chromatin regulatory proteins</i>	Danette DANIELS, USA
7:55 p.m. – 8:15 p.m.	<i>Integrator complex in health and disease</i>	Ramin SHIEKHATTAR, USA
8:15 p.m. – 8:35 p.m.	<i>Leveraging chemical biology to uncover epigenetic mechanisms in disease</i>	Yael DAVID, USA

Thursday, September 25th, 2025

Time	Session/Talk	Speaker
8:00 a.m. – 9:00 a.m.	Conference Registration & Posters Installation	
9:00 a.m. – 12:10 p.m.	Session 2: Chromatin Dysregulations in Human Disorders <i>Chair : Danette DANIELS, USA</i>	
9:00 a.m. – 9:20 a.m.	<i>Controlling transcription of coding and non-coding RNA</i>	Karen ADELMAN, USA
9:20 a.m. – 9:40 a.m.	<i>Epigenetic regulation in early development and disease</i>	Alex MEISSNER, DE
9:40 a.m. – 10:00 a.m.	<i>Mitochondria link to epigenetics</i>	Navdeep CHANDEL, USA
10:00 a.m. – 10:20 a.m.	<i>Genetic and Chromatin Variant Synchrony Drives Prostate Cancer Progression</i>	Mathieu LUPIEN, CA
10:20 a.m. – 10:30 a.m.	<i>Short Talk - Discovery of a New RNA Modification Triggering Cellular Translational Stress via Chemical Biology Approaches</i>	Anna KNOERLEIN, USA
11:00 a.m. – 11:30 a.m.	Coffee Break - Meet the Sponsors	
11:30 a.m. – 11:50 a.m.	<i>Mechanisms that drive 3D genome folding and their function in gene regulation</i>	Marieke OUDELAAR, DE
11:50 a.m. – 12:00 a.m.	<i>Short Talk – Suppressing oncogenic histones</i>	Alan JIAO, UK
12:00 a.m. – 12:20 a.m.	<i>Chromatin regulation and cancer</i>	Yang SHI, USA
12:20 a.m. – 12:40 p.m.	<i>Towards new cancer medicines with degraders of chromatin regulatory proteins</i>	Karim-Jean ARMACHE, USA
12:40 p.m. – 2:00 p.m.	Lunch and Posters - Meet the Sponsors	

2:00 p.m. – 5:10 p.m.
Chair : Lluís MOREY, USA

Session 3: Mechanisms of Epigenetics Signaling

2:00 p.m. – 2:10 p.m.	<i>Short Talk - Structural variants drive enhancer hijacking and oncogene expression in an ovarian adenocarcinoma</i>	Miles COLLIER, USA
2:10 p.m. – 2:30 p.m.	<i>Transcriptional and epigenetic mechanisms of brain aging and neurodegeneration</i>	Ashley WEBB, USA
2:30 p.m. – 2:40 p.m.	<i>Short Talk - Nuclear glutamate metabolism links DNA methylation and pluripotency programs in stem cells</i>	Roxane VERDIKT, BE
2:40 p.m. – 3:00 p.m.	<i>DNA-based instruction for heterochromatin formation in the mouse epigenome</i>	Thomas JENUWEIN, DE
3:00 p.m. – 3:10 p.m.	<i>Short Talk - Chemical tracking of individual epigenetic writers during cell state transitions</i>	Saulius KLIMAŠAUSKAS, LTU
3:10 p.m. – 3:40 p.m.	Coffee Break - Meet the Sponsors	
3:40 p.m. – 4:00 p.m.	<i>Epigenetic dysregulation and cancer evolution: a network perspective</i>	Paola SCAFFIDI, IT
4:00 p.m. – 4:10 p.m.	<i>Short Talk – Role of the pol gene enhancer in HIV-1 transcription and replication in myeloid infected cells</i>	Tristan MARRAY, BE
4:10 p.m. – 4:30 p.m.	<i>Self-driving small RNA and their modification in the germline</i>	Rob MARTIENSSEN, USA
4:30 p.m. – 4:40 p.m.	<i>Short Talk - A specific form of cPRC1 containing CBX4 is coopted to mediate oncogenic gene repression in diffuse midline glioma</i>	Gerry BRIEN, UK
4:40 p.m. – 5:00 p.m.	<i>RNA regulators and the control of cell fate</i>	Michael KHARAS, USA

Friday, September 26th, 2025

<u>Time</u>	<u>Session/Talk</u>	<u>Speaker</u>
9:00 a.m. – 12:00 p.m.	Conference Registration	
9:30 a.m. – 12:00 p.m.	Session 4: Transcription and Epigenetics in Disease <i>Chair : Mathieu LUPHEN, CA</i>	
9:30 a.m. – 9:50 a.m.	<i>Role of Polycomb and MLL proteins in cell identity, differentiation, and cancer</i>	Luciano DI CROCE, ES
9:50 a.m. – 10:00 a.m.	<i>Short Talk : Members of an array of zinc finger proteins specify distinct Hox chromatin boundaries</i>	Havva ORTABOZKOYUN, USA
10:00 a.m. – 10:20 a.m.	<i>Understanding transcription: one molecule at a time</i>	Tineke LENSTRA, NL
10:20 a.m. – 10:40 a.m.	<i>Histone variants and their partners shaping chromatin and cell fate</i>	Geneviève ALMOUZNI, FR
10:40 a.m. – 11:10 a.m.	Coffee Break - Meet the Sponsors	
11:10 a.m. – 11:30 a.m.	<i>The long and the short of it: multi-omic studies of chromatin function</i>	Michael KEOGH, US
11:30 a.m. – 11:40 a.m.	<i>Short Talk - DREAMS Illuminates DNA & RNA Modification Landscapes with a Spotlight on TET1's New Role in m1A</i>	Magdalena KOZIOL, PRC
11:40 a.m. – 12:00 a.m.	<i>Epigenetic mechanisms in cancer and development</i>	Lluís MOREY, USA
12:00 p.m. – 1:45 p.m.	Lunch and Posters - Meet the Sponsors	

1:45 p.m. – 4:05 p.m. Session 5: Novel Therapeutic Discoveries in Epigenetics & Epitranscriptomics Chair : Michael KHARAS, USA		
1:45 p.m. – 1:55 p.m.	<i>RNA Fragmentome Analysis Reveals a Disease-Specific tRNA fragments as Molecular Markers of cutaneous Squamous Cell Carcinoma</i>	Alessia DEL PIANO, IT
1:55 p.m. – 2:15 p.m.	<i>Precision medicine in solid tumors</i>	Ernesto GUCCIONE, USA
2:15 p.m. – 2:25 p.m.	<i>Short Talk - A non-centromeric role for CENP-A in the regulation of epithelial-mesenchymal plasticity in human cells</i>	Charlène RENAUD-PAGEOT, FR
2:25 p.m. – 2:45 p.m.	<i>Learnings from MTAP selective inhibitors-AZD3470 story</i>	Jelena UROSEVIC, UK
2:45 p.m. – 3:15 p.m. Coffee Break - Meet the Sponsors		
3:15 p.m. – 3:25 p.m.	<i>Short Talk - Chromatin hubs as headquarters of cell identity and oncogenic circuits in pediatric T cell leukemia</i>	Francesco BOCCALATTE, USA
3:25 p.m. – 3:45 p.m.	<i>Chromatin and transcriptional elongation in the regulation of development gene expression, aging, and disease</i>	Ali SHILATIFARD, USA
3:45 p.m. – 4:05 p.m.	<i>Targeting RNA modifying enzymes in the treatment of Cancer</i>	Tony KOUZARIDES, UK
4:05 pm – 4:25 pm	Concluding remarks – Best Poster award (By EMBO Reports)	

END OF CONFERENCE