

SYMPOSIUM



IGBMC SYMPOSIUM

June 22nd-23rd, 2023

IGBMC Auditorium - Illkirch, Strasbourg



PROGRAM

Day 1, June 22nd

8.45 – 9.00	Frédéric DARDEL - Welcome and introduction
9.00 – 9.30	MOLINA team Decoding Gene Regulation at the Single Molecule Level: Insights from Biophysical Modeling of DNA Footprinting Data
9.30 – 10.00	SEXTON team Competition between transcription and loop extrusion modulates promoter and enhancer dynamics
10.00 – 10.30	SÉRAPHIN team Eukaryotic mRNA decay
10.30 – 11.00	Coffee break
11.00 – 11.30	TRAVÉ team High-throughput quantitative interactomics elucidates protein interaction networks in physiological and pathological contexts
11.30 – 12.00	KEYES team Investigating senescence in development and disease
12.00 – 12.30	Flash Talks (for poster presenters, 3 minutes each)
12.30 – 14.00	Lunch (not provided)
14.00 – 14.30	GIANGRANDE team Macrophages as signaling hubs in physiological and pathological conditions
14.30 – 15.00	GRADWOHL team Modelling human pancreatic and intestinal development and diseases in pluripotent stem-cell-derived organoids
15.00 – 15.30	RUFF team Modulation of HIV-1 integration in a LLPS context & Structural insight of HIV-1 trafficking steps
15.30 – 16.00	METZGER team Nuclear receptors in health and disease
16.00 – 18.00	Poster session - organized by the IGBMC Student and Post-doc Board Drinks and snacks



Day 2, June 23rd

9.00 – 9.30	FÄSSLER team Our approach to integrative cellular and structural biology
9.30 – 10.00	GODIN and ROMIER team Physiological and pathological mechanisms of wobble adenosine to inosine modification in tRNAs
10.00 – 10.30	TORA team Regulation of transcription through transcription complex assembly
10.30 – 11.00	Coffee break
11.00 – 11.30	RIVELINE team Self organization of organoids
11.30 – 12.00	SCHULTZ team Structural insights into KAT complexes
12.00 – 12.30	Flash talks (without posters, 4 minutes each)
12.30 – 14.00	Lunch (not provided)
14.00 – 14.30	WEIXLBAUMER team Supramolecular complexes involved in gene expression
14.30 – 15.00	MENDOZA team Control of mRNA export by non-histone protein acetylation
15.00 – 15.30	JARRIAULT team How does starvation promote cellular plasticity during Y-to-PDA transdifferentiation?
15.30 – 16.00	PLATFORMS and SCIENTIFIC services New equipment and new services offered by IGBMC platforms and services
16.00 – 16.15	Conclusion
Late Afternoon	IGBMC Family BBQ and picnic

Flash talks and posters

Speaker	Title
André Marie	Coalescence of epithelial cysts is driven by an interplay between mechanics and cellular dynamics.
Klein Annabelle	Identifying novel markers of p21-mediated cellular senescence
Durik Matej	Investigating novel features of the cellular senescence program
Berthoz Rémi	MECHANO-CHEMICAL COUPLING IN THE ACTO-MYOSIN CYTOSKELETON UNDER RHO REGULATION
Petrova Anastasiya, Negroni Luc	Quantitative Assay for Diacylglycerol Kinase Kappa with Mass Spectrometry and Parallel Reaction Monitoring.
Rahil Huma	Structural Insights on Transcriptional Pausing
Boivin Manon	Translation of GGC repeat expansions in novel toxic proteins in Oculo-Pharyngo-Distale Myopathy (OPDM)

Flash talks

Speaker	Title
Guivarch Marine	Crawling out of the box: redundancy and plasticity of skin DC subsets
Vidmar Vita	Role of DNA topology in transcriptional pausing
Pangou Evanthia	UBAP2L-dependent coupling of PLK1 localization and stability during mitosis
Patra Gurudatt	Visualization of Condensin complexes inside chromosomal environment using Cryo electron Tomography.

Posters

Speaker	Title
Darya Yanushko	Crosstalk between cancer-associated fibroblasts and epithelial cells through Il6/Jak/Stat3 axis promotes lineage plasticity and prostate cancer progression.
Joe Rizk	Deciphering the Role of Androgen Signalling in Satellite Cells during the Mammalian Skeletal Muscle Regeneration
Pierre Tilliole	Deciphering the role of hnRNP-G (RBMX) and its functional retrocopie (RBMXL1) in brain development in humans and mice
Marie Wattenhofer-Donzé	ICS ES cell service: Derivation, culture and genetic modification of embryonic stem cells
Daniel Sampaio Gonçalves	Investigating novel mediators of cellular senescence
Amélie Freismuth	Presentation of Cell Culture Facility
Hanna Semaan	Proteomic characterization of retinoic acid receptor beta transcriptional complex
Emmanuel Garcia Sanchez	Regulation of the maternal transcriptome during oocyte growth
Nicolas Zinter,	Retinoic Acid Receptor Beta (RAR β) protects striatopallidal medium spiny neurons from neurodegeneration – relevance for rare diseases
Geoffrey Gourinchas	Structural Characterization of co-transcriptional pre-mRNA splicing
Naveen Kumar Murugasamy	Structural studies on the interplay between DNA topology and transcription in E. coli
Anne Maglott-Roth	THE PHENOTYPIC ANALYSIS AND CELLULAR SCREENING FACILITY
Claire Richard	Transition in the RNA polymerase II transcription initiation machinery during zygotic genome activation
Eleftheria Fotiadou	Exploring the specificity of the Matrix Metalloproteinase 11 (MMP11) towards the Insulin-like Growth Factor-Binding Protein superfamily (IGFBPs)
M Joint	Some MS-based proteomic applications: post-translational modifications and quantification
S Covindarassou	Reference sample for the evaluation of sensitivity and specificity in global label-free proteomics
Bertrand Vernay, Elvire Guiot, Erwan Grandgirard, and Yves Lutz	Imaging Centre of the IGBMC: Light Microscopy Facility Imaging Centre of the IGBMC: what's new and coming soon Imaging Centre of the IGBMC: Bioimage analysis

The poster session is sponsored by



and

