

# Synthetic Program



## Tuesday June 30th

11:30-13:00	Registration		
13:15-13:30	Opening remarks		
13:30-14:30	<b>Keynote: Hugues Roest-Crollius (ENS Paris)</b> <i>The evolution of 568 vertebrate genomes during 400 million years</i>		
14:30-14:45	<b>Sponsored Talk: Jules Deforges (Transgene)</b> <i>From neoantigen prediction to clinical response: bioinformatics-driven development of individualized cancer vaccines</i>		
14:45-15:45	Genomic Variation and Sequence Analysis Methods	Biological Networks and Systems Modeling	Protein Dynamics and Conformational Landscapes
16:15-17:15	Evolving Genomes	RNA Biology and Transcriptomics	From Molecular Motions to Generative Drug Design
17:15-18:15	Poster Session A / Demos		
18:15-19:30	Welcome Cocktail		

## Wednesday July 1st

09:00-10:00	<b>Keynote: Laura Cantini (Pasteur Paris)</b> <i>Multi-modal learning for single-cell multi-omics integration</i>		
10:30-11:30	Spatial and Single-Cell Genomics	Knowledge Graphs and Biomedical Data Integration	Machine and Representation Learning
11:30-12:00	Poster Session A / Demos		
	Lunch		
13:30-14:30	<b>IFB Keynote: Christophe Dessimoz (SIB, Lausanne)</b> <i>Open biological databases as strategic infrastructure: from research to competitiveness and sovereignty</i>		
14:30-15:30	Assemblée Générale - Société Française de Bio-informatique		
16:00-17:00	Bioinformatics Networks		
17:00-20:00	Social activities		

## Thursday July 2nd

9:00-10:00	<b>Keynote: Daniel Jost (LBMC, ENS Lyon)</b> <i>Deciphering the structure-function relationship of chromatin: from experiments to modeling and back</i>			
10:30-11:30	Epigenomics and Genome regulation	Microbial Genomics and Metagenomics	Data Analysis Methods and Scientific Workflows	
11:30-12:00	Poster Session B / Demos			
	Lunch			
14:00-15:00	<b>Keynote: Sarah Cohen-Boulakia (LISN, Paris Saclay)</b> <i>Reproducibility by Design in Bioinformatics: Research challenges and opportunities</i>			
15:00-16:00	<b>Mini-Symposium</b> Spatial Biology: principles, tools and applications for translational research in oncology	<b>Mini-Symposium</b> International bioinformatics connection spotlighting sequencing technologies applied to One Health	<b>Mini-Symposium</b> Is the structural annotation of genes in eukaryotic genomes still a challenge?	<b>Mini-Symposium</b> Orchestrating data flows throughout their lifecycle
16:30-18:00	Mini-Symposium (continued)	Mini-Symposium (continued)	Mini-Symposium (continued)	Mini-Symposium (continued)
19:00-00:00	Gala Dinner			

## Friday July 3rd

9:00-10:00	Cancer Genomics and Tumor Evolution	Microbial Interactions and Metabolic Systems	Bioinformatics Workflows and Data Platforms
10:30-11:30	Poster Session B / Demos		
11:30-12:30	<b>Keynote: Judith Zaugg (University of Basel)</b> <i>Understanding disease mechanisms through the lens of gene regulation at single-cell and spatial resolution</i>		
12:30-13:00	Closing remarks		

Rooms:	Amphi Cavailles	Amphi 3	Amphi 4	Amphi 5
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