

- 13:00 Registration and welcoming coffee  
 13:45 Pr. Reynald Gillet, director of IGDR  
 Vasantha, organising team member Symposium introduction

SESSION 1 "Research to better understand diseases and propose new therapies"

- 14:00 Laura Cantini, First keynote lecture **Multi-modal learning for single-cell data integration**  
 14:45 Maxime Dubois *LightSpot®-FL-1 an innovative tool for the detection and quantification of Permeability-glycoprotein (P-gp), a predictive biomarker of tumor resistance in acute leukemia models.*  
 15:00 Constance Merdrignac *Autism-related gene intergenerationally regulates neurodevelopment and behavior in fish through non-genetic mechanisms.*  
 15:15 Eloïse Le Hir-Reynaud *RBM22-depletion delays progression through all steps of cell cycle and increases ploidy in myeloid cells.*  
 15:30 Flash Talks (2' each)  
**15 contributions:** Dimple Adiwai, Hugo Barbot, Clément Bousquet, Bastien Chassagnol, Andrés Corral-Lugo, Marie Dufresne, Jules Gareau, Clara Gouez, Alexandre Helpiquet, Valentin Isen, Inès Kardous, Charlotte Michaux, Imane Naouadir, Pierre Paillard, Yanis Si Ahmed.  
 16:15 Sponsor presentation by Merck  
 16:30 Poster session I (17 posters) Tea & coffee break  
 19:00 Gala dinner and social event

SESSION 2 "In silico Biology"

- 8:15 Welcoming with breakfast  
 9:00 Marc Antonini, Second keynote lecture **Synthetic DNA as the future of data archiving - Technological advances and challenges**  
 9:45 Nicolaï Hoffmann *ANNEXA: A Comprehensive Pipeline for Extending Genome Annotations Using Long-Read Transcriptome Sequencing*  
 10:00 Rose-Marie Fraboulet *Role of circular RNAs in treatment resistance of cutaneous melanoma*  
 10:15 Vasanthakrishnan Radhakrishnan Balasubramaniam *Structural Study of the Hibernating Ribosomes in Pathogenic Bacteria*  
 10:30 Nicolas Jolivet *Super-resolution radial fluctuations to investigate the mitochondrial morphology in AURKA over-expression*  
 10:45 Poster session II (16 posters) Tea & coffee break  
 13:00 Lunch break

SESSION 3 "From in vitro to in vivo"

- 14:00 Târn Mignot, Third keynote lecture **From Molecules to Ecosystems: microbial predators in soil ecology**  
 14:45 Céline Callens *Structure and function of spermatid manchette microtubules*  
 15:00 Emma Leroux *The transcriptional dynamics of muscle progenitors response to Notch signaling*  
 15:15 Caren Jabbour *Molecular mechanisms of aneuploidy and glioblastoma aggressiveness induced by Diaph3 loss*  
 15:30 Mathis Da Silva *Kinetochores microtubules flux poleward along fixed centrosome anchored microtubules during the metaphase of C. elegans one-cell embryo*  
 16:00 Jury Award ceremony  
 16:15 Organizing committee Symposium closing