

- 13:00 Welcoming coffee
 13:45 Pr. Reynald Gillet, director of IGDR 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 Aadel Bouziane *Strain-dependent differences in the capacity of peste des petits ruminants virus to infect immune cells.*
 15:30 Eloise Le Hir-Reynaud *RBM22-depletion delays progression through all steps of cell cycle and increases ploidy in myeloid cells.*

Flash Talks (2' each)

15:45 17 contributions at maximum: Molina Abrahan, Hugo Barbot, Clément Bousquet*, Claire Caron*, Bastien Chassagnol, Andrés Coral-Lugo, Louis Cueff*, Adiwal Dimple, Marie Dufresne*, Jules Gareau, Clara Gouez, Alexandre Helpiquet, Valentin Isen, Inès Kardous, Imane Naouadir, Pierre Paillard, Yanis Si Ahmed*. (*contribution to be confirmed)

- 16:30 Sponsor presentation by Merck
 16:45 Poster session I (17 posters)
 19:00 Gala dinner and social event

SESSION 2 "In silico Biology"

- 9:00 Marc Antonini, Second keynote lecture
 9:45 Nicolai 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)
 13:00 Lunch break

SESSION 3 "From in vitro to in vivo"

- 14:00 Târn Mignot, Third keynote lecture
 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 *Kinetochore 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