

YOUNG SCIENTISTS DAY BFA EDC IJM

THURSDAY 27TH JUNE

2 PM - 6 PM

13:45 – 14:00 - Welcome

14:00 – 14:20 - Introductory speech

14:00 – 14:05 - Introduction to the event

14:05 – 14:20 - Presentation of BFA, EDC and IJM.

14:20 – 15:20 - Presentation session 1

14:20 – 14:30 - Amy Chen (BFA): “Metabolic Adaptation in an Anorexia Nervosa Mouse Model.”

14:30 – 14:40 - Carla Piqueras (EDC): “Regulation of X Chromosome Inactivation across cell lineage and impact on cell function”

14:40 – 14:50 - Romane Bertrand (BFA): “DYRKA1 as a target to regenerate Bêta cells in the diabetic pancreas”

14:50 – 15:05 - Safaa Mawas (BFA): “Toxicology assessment of BaP-coated PET nanoplastics in vitro on a 3D model of the human branchial epithelium”

15:05 – 15:20 - Vanille Lejal (BFA): “Application of Artificial Intelligence with multi-omics and cell imaging data to decipher chemical-adverse outcomes”

15:20 – 15:40 - Break

15:40 – 16:20 - Presentation session 2

15:40 – 15:50 - Silvia Comunian (EDC): “Non-conventional role of epigenetics in the regulation of nuclear rigidity in cancer cells”

15:50 – 16:05 - Emmanuel Cazottes (EDC): “Extensive remodelling of XIST regulatory networks during primate evolution”

16:05 – 16:20 - Rebekah Ricquebourg (IJM): “Regulation of temporal patterning during development and evolution”

16:20 – 16:30 - Kenza Cheriet (IJM): “Study of the mechanisms of Rhabdomyosarcoma emergence in the chick neural tube”

16:30 – 16:50 - Break.

16:50 – 17:30 - Presentation session 3

16:50 – 17:00 - Teresa Urli (IJM): “Precise epigenome editing tools to investigate epigenetic interactions”

17:00 – 17:15 - Amelie Besombes (IJM): “Bidirectional replication initiation prevents chromosome degradation”

17:15 – 17:30 - Margherita Mori (EDC): “Deciphering DNA methylation maintenance mechanisms in response to DNA damage”

17:30 – 17:45 - Conclusion

18:00 - After in the library

ROOM FRANÇOIS JACOB