

Programme Journée SFR Biosciences – 2022

« Top Models in Biology : expand the horizon »

- 8h30 Accueil
- 9h00 Mot du directeur (15 minutes)
- 9h15-9h55 Nicola Nadeau, Royaume Uni (30 min + 10 min questions)
“The genetics of iridescent structural colour in *Heliconius* butterflies”
- 9h55-10h15 Federica Calevro (BF2I, INSA de Lyon), (15 min + 5 min questions)
“The pea aphid, *Acyrtosiphon pisum*: an emerging genomic model to study the cellular and molecular bases of bacterial symbiosis in insects”
- 10h15-10h35 Michalis Averof (IGFL) (15 min + 5 min questions)
“Parhyale, a crustacean model for regeneration”
- 10h35-11h15 Elly Tanaka, Vienne, Autriche (30 min + 10 min questions)
“Studying the stem cells and molecular pathways underlying appendage regeneration in the axolotl”
- 11h15-11h30 Pause-café (15 min)
- 11h30-12h10 Susana Coelho, MPI, Tübingen, Allemagne (30 min + 10 min questions)
“The private life of brown algae”
- 12h10-12h30 Caroline Blanc (LBMC) (15 min + 5 min questions)
“Deciphering the atypical meiosis of the nematode *Mesorhabditis belari*”
- 12h30-12h40 Flash sponsors :
- 12h40-14h00 Pause déjeuner
- 14h00-14h40 Dominique Ciocca, Strasbourg (30 min + 10 min questions)
“*Arvicanthis ansorgei*: a relevant diurnal laboratory rodent”
- 14h40-15h00 Mathilde Guzzo (MMSB) : (15 min + 5 min questions)
“*Caulobacter crescentus*, a model organism to study cell differentiation and asymmetric division in bacteria”
- 15h00-15h20 Fabienne Archer (IVPC) (15 min + 5 min questions)
“Three-dimensional (3D) lung epithelial cell models to study host-pathogen interactions in a One Health approach”
- 15h20-15h40 Nicolas Dalle (RDP) (15 min + 5 min questions)

“Analyzing the evolution of the epigenetic control of stem cells in land plants using the moss *Physcomitrium patens*”

15h40-16h00 Pause-café (20 min)

16h00-16h20 Nicolas Picard (LBTI) : (15 min + 5 min questions)

“Renal epithelial cell plasticity assessed by cell lineage tracing”

16h20-16h40 Annelise Chapalain (CIRI) (15 min + 5 min questions)

“The lung-on-chip as a new platform for studying respiratory diseases”

16h40 Conclusions