

MCD Scientific Retreat Program
April 3rd-4th 2023

Monday April 3rd

- 08:00** Meeting at the CBI
- 08:15** Departure of the buses to Saint-Lary
- 10:30 - 11:00** Welcome Coffee
- 11:00 - 11:10** *Opening: Kerstin Bystricky and the board will sing and dance “La Carioca”*
- 11:00 - 12:00** ***SESSION 1 – short talks***
3 min presentations
- T1- Philippe Valenti (Payre)**
Implementation and validation of a real-time visualization system of genetic loci in Drosophila: the Anchor system
- T2- Chaima Azouzi (Gadal/Beckoüet)**
A history of Pol I premature termination: attenuated in the mutant F301S, targeted by BMH-21
- T3- Léo Rolland (Besson)**
Role of p27 in governing metabolism, and potential for targeting cancer cells
- T4- Sophie Tagneres (Plisson)**
The 5S RNP role in the nucleolar stress response
- T5- Meritxell Font Noguera (Suzanne)**
Analysis of Epithelial-to-Mesenchymal Transition dynamics in vivo
- T6- Nadia Formicola (Pinto)**
Building coherent neuronal networks: an RNA perspective
- T7- Olivier Fosseprez (Cuvier)**
Roles of non-coding RNAs & RNA Helicases in genome functional & spatial organisation
- T8- Delphine Bretonnière (Pituello)**
Temporal control of neurogenesis by cell cycle dynamics: from modeling to experimental analysis
- T9- Hussein Hamze (Henry/Henras)**
A new tool to study ribosomal RNA modification and folding
- T10- Manon Batista (Clouet d’Orval)**
RNA-processing and degrading machines in Archaea
- T11- Luana Cintori (Trouche)**
Novel optogenic tool for the study of the management of oxidative damages targeted on DNA

- 12:30 - 13:30** **Lunch at “The Ramondies”**
- 13:30 - 14:00** **Check-in and getting ready for outdoor activity**
- 14:00 - 18:30** **Outdoor activity:**
Snowshoes walk along the “vallée du Badet”.
- 18:30 - 19:45** ***SESSION 2 – Explore projects***
10 min presentations + 5 min questions
- T12- Jennifer Zanet**
Identification of smORF encoded peptides using ribosome profiling
- T13- Fernando Muzzopapa**
Exploring the nuclear Landscape: New Techniques for Studying Protein Compartmentalization
- T14- Yves Roméo**
Regulation of ribosome biogenesis by the MAPK pathway
- T15- Elise Cau**
Exploring circadian entrainment in a diurnal vertebrate: the zebrafish, using live imaging in the whole larvae
- T16- Nathalie Vanzo**
Extracellular vesicles regulate stress hematopoiesis in Drosophila
- 20:30 - 2:00** **Dinner and party**

Tuesday April 4th

- 07:30 - 08:45** **Breakfast buffet**
- 09:00 - 09:45** ***SESSION 3 – New teams***
10 min présentations + 5 min questions
- T17- Célia Plisson**
Introducing the Oncorib research team
- T18- Clément Chapat**
Tracking how the mRNA decay machineries shape the proteome
- T19- Pierre Weiss**
MAMBO : mathématiques pour l'imagerie biologique

09:45 - 11:15

SESSION 4 – Open discussions

Open discussion with brief presentations followed by discussions on community expectation

9h45 – 10h20 6 presentations 6 min

T20- Jérôme Cavailé

From Mouse to Drosophila: A role of SNORD13 in targeting rRNA for N4-acetylcytidine: from human to fly through Zebrafish

T21- Anna Mattout

C. elegans and microbiote

T22- Thomas Jungas

Pole: human Induced Pluripotent Stem Cells and Neural Organoids

T23- Marion Aguirrebengoa

What's new (or not) on bigA facility

T24- Thomas Clouaire

Genescan

T25- Pierre-Emmanuel Gleizes

We are Genotoul

10h20 – 11h00 Discussions + coffee break

11:00 - 12:30

SESSION 5 – Organization aspects

10 min presentation + 10 min questions

T26- Patrice Vittali

M1 and M2 BMC

T27- Julie Batut/Didier Trouche, Olivier Gadal and Marta Kwapisz

BSB doctoral school

T28- Christophe Audouard

MCD Carbon Footprint : Reports and prospects

T29- Le comité d'animation scientifique

Discussion about scientific animation

13:00 - 14:00

Lunch at “The Ramondies”

14:30 - 15:00

Check out and departure

17:30

Arrival at the CBI