

## YOUNG SCIENTISTS WORKSHOP

### GENOME DYNAMICS AND CANCER

March 14–15 2022, Carcassonne

Monday March 14<sup>th</sup>, 2022

11h45 Attendees registration and welcome buffet

12h55 Welcome address

#### 1<sup>st</sup> coaching session

Chairperson: Eric Julien

13h00 **Opening lecture: A 40 years journey in gene expression - From unfruitful attempts at cloning plant genes by yeast transformation to genome-wide studies**

Michel WERNER, Institut Jacques Monod, Paris

13h45 **Ikrame LAZAR**, Centre De Biologie Intégrative (CBI), Unité MCD, CNRS - University of Toulouse  
*Consequences of DSBs occurring in transcribed regions of the genome on intrinsic immune responses and extracellular vesicles*

14h30 **Hervé TECHER**, Institute of Human Genetics (IGH), Montpellier  
*The link between replication stress and inflammation*

15h15 Coffee break

#### 2<sup>nd</sup> coaching session

Chairperson: Jean-Christophe Andrau

15h45 **Lecture: The long and winding road that leads to ... a CRO in Scotland**

Richard HEIDEMANN, Charles River Laboratories, Edinburgh

16h30 **Sara OVEJERO-MERINO**, CHU de Montpellier & Institute of Human Genetics (IGH), Montpellier  
*Characterization of the molecular mechanisms of multiple myeloma development, progression and resistance to drugs*

17h15 **Benoit ALIAGA**, Centre de Recherches en Cancérologie de Toulouse - CRCT  
*The dynamics of chromatin structure throughout aging in immune cells (immunosenescence) and in tumor microenvironment*

18h00 Free time

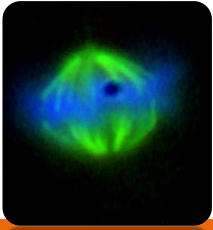
#### 20h00 Publication strategy lecture

**Lecture: From data to preprint to journal: transparency in publishing**

Thomas LEMBERGER, Review Commons, EMBO, Heidelberg

20h45 Dinner





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Tuesday March 15<sup>th</sup>, 2022

#### 3<sup>rd</sup> coaching session

Chairperson: *Gaëlle Legube*

**09h00** **Lecture: My pathway choices to maintain genome stability and life balance upon replication stress**

**Sarah LAMBERT**, Institut Curie, CNRS UMR3348, Orsay

09h45

**Steffen FUCHS**, Centre de Recherches en Cancérologie de Toulouse - CRCT

*Deciphering the role of circular RNAs in the pathogenesis and therapy resistance of ALK+ anaplastic large-cell lymphoma*

10h30

**Elina ALATERRE**, CHU de Montpellier & Institute of Human Genetics (IGH), Montpellier

*Comprehensive characterization of the epigenetic landscape in human myeloma cell lines and in cells during B to plasma cell differentiation*

11h15

**Juan Pablo CERAPIO ARROYO**, Centre de Recherches en Cancérologie de Toulouse - CRCT

*Single-cell trajectory inference of preneoplastic lesions in human hepatocarcinogenesis and stratification of their evolving risk*

**12h00 Lunch**

13h30

**Lisa MUNIZ**, Centre De Biologie Intégrative (CBI), Unité MCD, CNRS - University of Toulouse

*Role of RNA Pol II speed regulation in the response to environmental changes*

#### Mini-workshop on Peer Review

**14h15**

**Thomas LEMBERGER**, Review Commons, EMBO, Heidelberg

Interactive discussions

**16h00 End of the workshop**

