

Workshop “Cancer, genome dynamics and replicative stress”

Banyuls-sur-Mer, May 9-10, 2019

12h00	Welcome & Lunch
13h45	Welcome address
14h00	<p>Session 1 – Replicative Stress and Cancer</p> <p style="text-align: right;"><i>Chair: Malik Lutzmann & Cyril Ribeyre</i></p> <p style="text-align: center;">Opening Lecture: Mechanisms of DNA-protein crosslink repair Julien DUXIN, The NNF Center for Protein Research, University of Copenhagen, Denmark</p> <p>FANCD2 and the unfolded protein response regulate common fragile site genes Valeria Naim, CNRS UMR8200, Villejuif</p> <p>DNA damage transmission and its impact on replication timing Lilas Courtot, CRCT, Toulouse</p> <p>Replication of a damaged DNA: regulation of Error-free vs. Mutagenic lesion bypass at a single DNA lesion in yeast Vincent Pagès, CRCM, Marseille</p> <p>GNL3: a new protein involved in the protection of stalled replication forks. Rana Lebdy, IGH, Montpellier</p>
16h00	Coffee & posters
16h40	<p>Session 2 – Replication dynamics</p> <p style="text-align: right;"><i>Chairs: Antoine Aze & Jean-Sébastien Hoffmann</i></p> <p>Nuclear architecture impacts replication fork processing and restart in Fission Yeast Sarah Lambert, Curie Research Institute, Orsay</p> <p>ATR activates latent origins under moderate replication stress Stéphane Koundrioukoff, CNRS UMR8200, Villejuif</p> <p>Generation of 1c chromosomes cells in mammals by stabilization of geminin Oliver Ganier, IGH, Montpellier</p> <p>SLX4 interacts with RTEL1 to prevent transcription-mediated DNA replication perturbations Emmanuelle Despras, CNRS UMR8200, Villejuif</p> <p>Determinants of replication origins in vertebrate cells Marie-Noëlle Prioleau, Institut Jacques Monod, Paris</p>
18h30	Posters' session n°1
19h30	Apéritif & Diner

8h30

Session 3 – Chromatin Dynamics

Chairs: Eric Pinaud & Eric Julien

Lecture: Chromatin Dynamics in Cancer

Sandra Peiro, Vall d'Hebron Institute of Oncology (V.H.I.O.), Barcelona

TopBP1 liquid phase separation drives ATR activation

Angelos Constantinou, IGH, Montpellier

JMJD6 participates in the maintenance of ribosomal DNA integrity in response to DNA damage

Yvan Canitrot, LBCMCP-CBI, Toulouse

PA28 γ is required for HP1 β to mediate heterochromatin compaction

Véronique Baldin, CRBM, Montpellier

Connection between telomeres and nuclear envelope dysfunction in human cells

Laure Crabbé, LBCMCP-CBI, Toulouse

10h50

Coffee & posters

11h30

Session 4 – Replicative stress and Cancer

Chairs: Valérie Bergoglio & Emmanuelle Despras

Emergent control of lipids in the handling of DNA damage

Maria Moriel-Carretero, CRBM, Montpellier

Role of KDM5A/B in managing the replication stress response

Marie Vandromme, LBCMCP-CBI, Toulouse

Effects of palbociclib during replication process in pRB deficient cells

Su-Jung Kim, Institut Jacques Monod, Paris

An essential role for the RAD18 Ubiquitin Ligase in cancer stem cells proliferation

Domenico Maiorano, IGH, Montpellier

13h00

Lunch

14h30

POSTERS' SESSION n°2

15h45

End of the workshop