

DINGO

Dynamique INstabilité Génétique et Oncogénèse

Diversity of DNA Damage Signaling Pathways

September 23-24, 2021 CRCM, Institut Paoli-Calmettes, Marseille

Wednesday September 22

20h00 / Speaker get together and dinner

Thursday September 23

8h45-9h00 / Welcome IPC2 Conference Room

9H00-9h45 / Keynote lecture

Eva Peterman (ICGS, Birmingham)

Replication stress responses to P-TEFb-induced hypertranscription

9H45-10h10 / Sarah Lambert (Institut Curie, Orsay)

RNA:DNA hybrids from Okazaki fragments safeguard fork integrity by modulating KU-mediated barrier to nascent strands degradation

10h10-10h35 / Angelos Constantinou (IGH, Montpellier)

Activation and targeting of ATR signaling

Pause (30 min)

11h00-11H25 / Alice Fievet (Institut Curie, Paris)

Hereditary DNA repair deficiencies due to ATM/MRN complex defects

11H25-11H50 / Josée Guirouilh-Barbat (Institut Cochin, Paris)

The phosphorylation of Mre11 by the oncogenic kinase AKT1 stimulates Mre11/ATM signaling and induces End Joining-mediated chromosomal rearrangements

11H50-12H15 / Christophe Lachaud (CRCM, Marseille)

UFMylation of MRE11 is essential for telomere length maintenance and hematopoietic stem cell survival

Lunch (CRCM)

Informations pratiques

Lieu : Salle de conférence, IPC2
232, bd Sainte-Marguerite - 13009 Marseille

Contact :

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PASS SANITAIRE OBLIGATOIRE

14h00-14h25 / Arturo Londono (Institut Curie, Orsay)

Disabling the DNA damage response pathway in tumor cells leads to a PARP-dependent EMT response that promotes DNA repair

14h25-14h50 / Maria Moriel-Carretero (CRBM, Montpellier)

A sterol-PI(4)P exchanger controls the Tel1/ATM axis of the DNA Damage Response... (and is hijacked by SARS-CoV-2)

14h50-15h15 / Roman Chabanon (ICR London)

Targeting the DNA damage response in immunology: novel therapeutic opportunities

Pause (30 min)

15h45-16h10 / Philippe Pasero (IGH, Montpellier)

Signaling DNA damage beyond cell boundaries

16h10-16H35 / Camille Gelot (Institut Curie, Paris)

Deciphering Polθ functions in the maintenance of genome stability

16h35- 17h00 / Benoit Arcangioli (Institut Pasteur, Paris)

DNA repair during quiescence

Pause (30 min)

20h00 / Speaker dinner chez Aldo

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Friday September 24

9H15-10h00 / Keynote lecture

Marco Foiani (IFOM, Milan)

Mechanisms preventing topological stress and genome damage

10H00-10h25 / José Américo N L F Freitas (UPMC, Paris)

Breaking the S-ENescence CODE: Towards Senescence Reversal and Therapeutic Opportunities

10h25-10h50 / Dmitry Bulavin (IRCAN, Nice)

DNA damage-senescence-dependent control of cell state transitions

Pause (30 min)

11h20-11h45 / Eric Gilson (IRCAN, Nice)

Selective pericentromeric heterochromatin dismantling caused by TP53 activation during senescence

11h45-12H10 / Pascale Bertrand (Institut François Jacob, Fontenay-aux-Roses)

Identification of new actors in production of cytosolic DNA after ionizing radiations

12h10-12h35 / Nathalie Gault (Institut François Jacob, Fontenay-aux-Roses)

Cellular and molecular events that lead to persistent oxidative stress in HSC after low dose irradiation

Lunch (CRM)

14h00-14h25 / Maria Ouzounova (Institut Curie)

Determinants of cellular pliancy

14h25-14h50 / Filippo Rosselli (IGR, Villejuif)

New insights into the genotype-phenotype relationships underlying human inherited syndromes: When proteins and DNA repair pathways turn to translation

14h50-15h15 / Benoit Palancade (Institut Jacques Monod, Paris)

Novel sources of R-loop accumulation unveiled by systematic genome instability screens

15h15- 15h40 / Vincent Geli (CRM, Marseille)

Deciphering the role of telomerase in the occurrence of metabolic syndrome through the regulation of hypothalamic neurogenesis

/ End of the meeting

