



Inserm

Université
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PARIS-SACLAY

13^{ème} journée de l'iRCM/UMR SGCSR

Vendredi 11 octobre 2024

Salle 104, 1^{er} étage, Bâtiment 56, CEA de Fontenay-aux-Roses

9:00 Accueil

9:15 Introduction

François BOUSSIN – iRCM/UMR SGCSR

Modératrices : Karine DUBRANA & Véronique MENARD

9:30 In utero exposure to endocrine disruptors: A trigger for germ cell testicular cancer?

Marie-Justine GUERQUIN – iRCM/SDRR/LDG – UMR SGCSR

10:00 Coordination between cohesin and transcription organizes the eukaryotic genome

Thomas GUERIN – iRCM/SIGRR/LION – UMR SGCSR

10:30 Pause-café

10:50 Consequences of TEL-AML1 fusion gene expression in original subpopulations of human early hemato-lymphoid progenitors: towards a new hypothesis of the cell of origin of the first oncogenic hit in pediatric B Acute Lymphoblastic Leukemia

Rima HADDAD – iRCM/SCSR/LSHL – UMR SGCSR

11:20 Panorama des activités d'innovation et valorisation à la DRF

Nora BENHABILES – DRF – Innovation, Valorisation et Essaimage

12:20 Déjeuner - Session posters

Modérateurs : Amandine BONNET & Haser SUTCU

13:45 Olink Proteomics - Implications for human biology, drug development & precision medicine

Théo LOUSTAUD & Aurélie MOUKA –  Olink

14:00 The Animal Welfare Committee of IRCM

Emmanuelle BOURNEUF – on behalf of the iRCM/SBEA

14:20 Role of autophagy in bone pathophysiology

Valérie PIERREFITE-CARLE – JOLIOT/SHFJ/Equipe MATOS – UMR TIRO-MATOS

14:50 From the fundamental in vitro study of particle / lung surfactant interaction to cobalt decoration in rats

Fanny MOUSSEAU – iRCM/SREIT/LRT

15:20 Pause-café

15:40 CIGEx: Presentation, activities and report

Didier BUSO – iRCM/PF CIGEX – UMR SGCSR

16:10 Molecular bases of repriming as a mechanism of DNA replication stress response

Tiya JAHJAH – iRCM/SDRR/LRS – UMR SGCSR

16:40 Lamin B1 overexpression induces replicative stress: causes and consequences

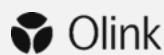
Emilie RASS – iRCM/SDRR/LREV – UMR SGCSR

Avec le soutien de :

 eppendorf

 eurobio
SCIENTIFIC

 NEW ENGLAND
Biolabs®

 Olink

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SCIENTIFIC

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Photo : LREV – Confocal microscopy image of γ-H2AX foci (green) induced by genotoxic treatment in a cancer cell line (red: S-G2/M-phase cells)



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SESSION POSTERS

**Effect of ionizing radiation on mitochondrial function.
Compromise stability of mtDNA as a new therapeutic tool to improve cancer
radiotherapy.**

Anna CAMPALANS (LCE)

**Unveiling novel modulators of radio-induced immunity to enhance anti-tumor
response of radiotherapy.**

Pauline CHAUMERLIAT (LREV)

**Modeling skin fibrosis pathophysiology in human organoids:
search for molecular targets for RNA-based corrective approaches.**

Juliette MONTANARI (LGRK)

**Rad51 filament regulation by Srs2 and Rad52 in homologous recombination
in *Saccharomyces cerevisiae*.**

Emilie NAVARRO (LRGM)

**Accelerating thymopoiesis by using T cell progenitors to overcome age-related hurdles
in Hematopoietic Stem Cell Transplantation.**

Jeanne ROCHE-NAUDE (LSHL)

**Elucidating the crosstalk between DNA replication stress response
by repriming and chromatin dynamics.**

Jenny SINGH (LRS)

**From the hypothesis of transgenerational epigenetic inheritance, whole genome
sequencing revealed a genetic mutant of histone H3 and a new model for the study of
spermatogenesis.**

Muriel VERNET (LDG)