



11^{ème} journée de l'iRCM/UMR SGCSR

Jeudi 9 novembre 2023

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

9:00 Accueil

Modérateurs : Klaudia GALANT & Laurent MALOISEL

9:15 Introduction

François BOUSSIN – UMR SGCSR/iRCM

9:30 Interplay between lamin B1 and the shelterin protein TRF2 in telomere maintenance

Gaëlle PENNARUN – LREV/SDRR/UMR SGCSR/iRCM

10:00 Deciphering the molecular mechanisms of natural transformation in *Helicobacter pylori*

Juan Pablo RADICELLA – LRIG/SIGRR/UMR SGCSR/iRCM

10:30 Pause-café

10:45 The RNAscope assay:

the easiest way to perform robust spatial transcriptomic at the single cell level

Ludovic ARNOLD – BIO-TECHNE



11:00 High CD44 expression identifies quiescent leukemic stem cells endowed with chemoresistance and enhanced E-selectin binding in T-cell Acute Lymphoblastic Leukemia

Julien CALVO – LCSAT/IDMIT

11:30 Efficacy studies for market authorization of a DTPA-loaded gel for decontamination of injured skin and wounds in rats

Anne VAN DER MEEREN – LRT/SREIT/iRCM

12:00 Déjeuner - Session posters

Modératrices : Melina BLANCO & Stéphanie MORENO

14:00 Convergence of nanotechnology with radiation therapy

Béatrice CAMBIEN – Equipe TIRO/UMR TIRO-MATOs/SHFJ/JOLIOT

14:30 Consequences of natural Uranium exposure on bone cells

Georges CARLE – Equipe MATOs/UMR TIRO-MATOs/SHFJ/JOLIOT

15:00 Deciphering 'stemness' in human epidermal stem cells at the levels of the protein-coding and non-coding transcriptome: a prospective computational cross-analysis of KLF4 and MXD4/MAD4 networks

Tatiana Gloria VINASCO-SANDOVAL – LGRK/SCSR/iRCM

15:30 Pause-café

15:45 Switching from Homologous Recombination to End Joining allows oocytes to survive radiation

Emmanuelle MARTINI – LDG/SDRR/UMR SGCSR/iRCM

16:15 Modeling the glioblastoma tumor niche on cerebral organoids

Jérémy RAGUIN – LRP/SDRR/UMR SGCSR/iRCM

Avec le soutien de :



Organisateurs : François Boussin - Aurélie Gouret - Aude Le Cloirec

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Session posters

Nadine ABDEL HADI et Laurent RENOU (LSHL)

Role of the fusion between the RANBP2/NUP358 nucleoporin and ABL1 tyrosine kinase in the relapse of a pediatric T-ALL: from targeted therapy of a single case to generalization to more pediatric ALL cases

Karine DEVILLIERS (LRT)

Experimental model for assessing the efficacy of a DTPA-loaded gel for decontamination of injured skin and wounds in rats

Chloé DUPONT (LRGM)

The Rad55-Rad57 complex interacts with Rad51 to protect Rad51 filament against Srs2 and with the SHU complex to promote ssDNA gap repair by homologous recombination

Tiya JAHJAH (LRS)

Molecular bases of repriming as a mechanism of DNA replication stress response in cancer cells

Véronique MENARD (PF Irradiation)

A new assay to quantify radiation-induced chromosome rearrangements with applications in biodosimetry

Jenny SINGH (LRS)

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

Xhaferr TANUSHI (LCE)

Role of OGG1 in the maintenance of mitochondrial DNA stability

Juan Francisco VILLA (LRIG)

In the way to elucidate key components involved in natural transformation in the bacterial model Helicobacter pylori

Avec le soutien de :

