



Inserm

Université
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PARIS-SACLAY

12^{ème} journée de l'iRCM/UMR SGCSR

Jeudi 25 avril 2024

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

9:00 Accueil

9:15 Introduction

François BOUSSIN – iRCM/UMR SGCSR

Modérateurs : Gabriel LIVERA & Cecilia PERINI

9:30 **Low dose of radiation on hematopoietic stem cells leads to an heritable endoplasmic reticulum stress that compromises hematopoietic regeneration**
Nathalie GAULT – iRCM/SCSR/LSHL – UMR SGCSR

10:00 **Radiation-induced DNA Damage Response in Myogenic Cells**
Haser H. SUTCU – iRCM/SDRR/LRP – UMR SGCSR

10:30 **Flexible antibody labelling kits : any antibody, any color, any time**
Sawssan SAFIEDDINE - PROTEINTECH

10:45 Pause-café

11:05 **The multiple origins of the bone marrow failure in Fanconi Anemia**
Xavier RENAUDIN – iRCM/SREIT/LCE – UMR SGCSR

11:35 **Mind the gap when bypassing DNA lesions**
Vincent PAGES – CRCM

12:35 Déjeuner - Session posters

Modérateurs : Jérôme LEBEAU & Tatiana Gloria VINASCO SANDOVAL

14:15 **Role of autophagy in bone pathophysiology**
Valérie PIERREFITE-CARLE – JOLIOT/SHFJ/Equipe MATOS – UMR TIRO-MATOS

14:45 **Different approaches for the analysis of aging oxide particles**
Florian BRULFERT – iRCM/SREIT/LRT – UMR SGCSR

15:15 **Improving the radiation-induced anti-tumor immune response by targeting TRIM33**
Germain ROUSSELET – iRCM/SDRR/LREV – UMR SGCSR

15:45 Pause-café

16:05 **PPAR γ , a major player in medullary stromal homeostasis and a therapeutic option for myelofibrosis**
Stéphane PROST – IDMIT/LCSAT – UMR IMVA-HB

16:35 **Restriction on Ku Inward Translocation Caps Telomeres Ends**
Stéphane MARCAND – iRCM/SIGRR/LTR – UMR SGCSR

Avec le soutien de :



Organisateurs : François Boussin - Aurélie Gouret - Aude Le Cloirec

Contact : secretariat-u1274@cea.fr – tél : 01 46 54 98 66

CEA - 18 route du Panorama - 92260 Fontenay-aux-Roses



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SESSION POSTERS

Dissecting a mechanism of telomere end protection against NHEJ

Sara CASTELLI (LTR)

The IRCM CytoGenetic Platform

Christine GRANOTIER-BECKERS (PF Cytogénétique)

**Molecular bases of repriming as a mechanism
of DNA replication stress response**

Tiya JAHJAH (LRS)

Development of a mice model for breast cancer radiotherapy

Cécile MATHE (LCE)

Crosstalk between lamin B1 and separase in human cells

Julien PICOTTO (LREV)

Lamin B1 overexpression induces replicative stress and inflammation

Emilie RASS (LREV)