



Inserm

Université
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PARIS-SACLAY

15^{ème} journée du DRCM et de l'UMR SGCSR

Vendredi 28 novembre 2025

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

9:20 Accueil

9:30 Introduction

François BOUSSIN – DRCM – UMR SGCSR

Modératrices : Anne BRAVARD & Emilie NAVARRO

9:45 **JMY, a new therapeutic target against radiation-induced invasion of glioblastoma stem cells in cerebral organoids**

Oriane BERGIERS – DRCM/SDRR/LRP – UMR SGCSR

10:15 **A missense mutation in the histone H3 variant H3f4 (H3t) leads to male sterility in mice**

Muriel VERNET – DRCM/SDRR/LDG – UMR SGCSR

10:45 Pause-café

11:15 **Combining spectral and imaging technologies : shortening time to insight for deep biology research**

Bertrand HAMELIN – BECTON DICKINSON

11:30 **Anti-tumor effects of low-dose intestinal irradiation**

Eric DEUTSCH – IGR

12:30 Déjeuner - Session posters

Modératrices : Juliette MONTANARI & Cecilia PERINI

14:00 **Innovative Products**

Sawssan SAFIEDDINE – PROTEINTECH

14:15 **Testicular organ on chip: a new platform for drug and spermatogonial stem cell physiology studies**

Denis PEHLIC – DRCM/SDRR/LCSG – UMR SGCSR

14:45 **Accelerating thymopoiesis by using T cell progenitors to overcome age-related hurdles in Hematopoietic Stem Cell Transplantation**

Jeanne ROCHE-NAUDE – DRCM/SCSR/LSHL – UMR SGCSR

15:15 Pause-café

15:45 **Unveiling a missing component of the T4SS required for natural transformation in Helicobacter pylori**

Juan Francisco VILLA – DRCM/SIGRR/LRIG – UMR SGCSR

16:15 **Improving radiotherapy with Trim33-edited macrophages: a new irradiation protocol for new therapeutic cells**

Valentin MONTEIRO – DRCM/SDRR/LREV – UMR SGCSR

Avec le soutien de :



MERCK



Comité d'organisation : François Boussin - Aurélie Gouret - Aude Le Cloirec - Stefano Mattarocci - Annabel Quinet

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© Photo : Immunolabeling of a 30-day-old human brain organoid section showing Sox2-positive neural progenitor cells (green) and β III-tubulin-expressing neurons (red). Nuclei were counterstained with DAPI (blue) - Laurent Gauthier - DRCM/SDRR/LRP



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SESSION POSTERS

**Polθ inhibition reduces self-DNA-induced interferon activation
via mitochondrial processes**

Alice BREGIROUX – DRCM/SDRR/LREV – UMR SGCSR

Unravelling a Mechanism of NHEJ Inhibition at Telomeres

Sara CASTELLI – DRCM/SIGRR/LTR – UMR SGCSR

**Oxidative DNA damage and OGG1 at the crossroad between DNA repair
and transcription**

Despoina CHOUSIANITI – DRCM/SREIT/LCE – UMR SGCSR

**Is PPAR γ , a key regulator of bone marrow stromal homeostasis
and a therapeutic target in myelofibrosis?**

Myriam COUGNIOT – DRCM/SCSR/LMMH – UMR SGCSR

**Humanized in vivo bone marrow models to explore metastatic spread
and BM cell interactions in Neuroblastoma**

Chloé HOUQUES – DRCM/SCSR/LSHL – UMR SGCSR

**From the physical and chemical behaviour of radioactive cobalt oxide particles to
improving the treatment of nuclear accident victims.**

Fanny MOUSSEAU – DRCM/SREIT/LRT – UMR SGCSR

**Several contacts between Srs2 and Rad51 are necessary to regulate Srs2
translocase activity**

Emilie NAVARRO – DRCM/SIGRR/LRGM – UMR SGCSR

**Uncovering the Mechanisms of Quiescence and Drug Resistance of T-ALL
in Adipose Tissue-Enriched Bone Marrow Territories**

Thilelli TAIBI – DRCM/SCSR/LSHL – UMR SGCSR