

12TH EDITION ANNUAL SEMINAR

1ST & 2ND JULY 2025

JULY 1ST

09:00 WELCOME COFFEE

09:30 OPENING SPEECH

Johanna Kabadanian, Canceropôle's Director & Stéphane Rocchi,
Scientific Committee President

09:40 PRESENTATION FROM ARC

François Dupré, Managing Director

09:55 NEWCOMERS IN THE REGION

- "Understanding the link between genomic instability and inflammation"
Hervé Técher, IRCAN
- "Characterization of the *in vivo* interactome of a native GPCR by the combination of nanobody affinity purification and high resolution mass spectrometry" **Franck Vandermoere, CRCM**
- "The Role of Proteome Homochirality Maintenance and Underlying Mechanisms in Cancer" **Agnes Banreti, iBV**

10:40 GREEN TIPS

"Bridging Research and Environmental Responsibility: Practical Solutions and Tools"
Laure Emmanuelle Zaragosi, IPMC & Emilie Demoinet, UCA

11:00 COFFEE BREAK & PLATFORMS, INDUSTRIALS & POSTER SESSION

11:20 CROSSING DISCIPLINES IN ONCOLOGY: FROM IA TO IMAGING

- "Mechanistic learning for predicting resistance and survival in immune-checkpoint inhibition therapy" **Sébastien Benzekry, Inria**
- "Innovative approach in optical tissue imaging: faster, with better resolution, without using more photons" **Loïc Le Goff, Institut Fresnel**
- "Deciphering the role of the ECM in head and neck cancer progression and response to immunotherapy: beyond a physical barrier" **Ellen Van Obberghen, iBV**
- "Using AI to Unlock Insights from Medical Claims in Cancer Research"
Raquel Urena, SESSTIM
- Project: "In Vivo Impact of Bispecific Nanobodies in Non-Small Cell Lung Cancer"
Chloé Feral, IRCAN

12:35 TEASING SPONSORS

- "Using existing drugs as molecular tools to improve our understanding of refractory cancers" **MedChemExpress - Eddy Pasquier, CRCM**
- "Accelerating Precision Medicine of Cancer with High-Plex Proteomics"
Standard BIOTOOLS - **Nicolas Ortega-Linard**

12:55 LUNCH BREAK

14:15 KEYNOTE LECTURE

"Mapping stromal heterogeneity & resistance to immunotherapies in breast cancer"
Fatima Mechta-Grigoriou, "Stress & Cancer Laboratory" - Institut Curie

15:00 TEASING OF THE CANCEROPÔLE'S STRUCTURING ACTIONS

- **PETRA Network** - Preclinical & Translational neuro-oncology research network
- **MET'CONNECT** - Tumour Metabolism Analysis
- **CEEVEC** - Extracellular Vesicles in Cancerology
- **ST-omics** - Spatial Transcriptomics

15:20 PRESENTATION OF MARSEILLE IMMUNOBIOLOGY CLUSTER

Carole Masurier, MIB Chief Executive Officer

15:30 "THE TALENTED RESEARCHERS STEP ON STAGE"

Science Popularization Pitches

16:00 COFFEE BREAK & PLATFORMS, INDUSTRIALS & POSTER SESSION

16:30 HEMATOLOGY SESSION

- Project: "Deciphering the Leukemic Stem Cells in Chronic Lymphocytic Leukemia: Memory B Cell Reprogramming to Leukemic Stem Cell ?"
Mira Chemla Kuzmic, CIML
- Oral Communication: "Refining Epigenetic Strategies to treat Diffuse Large B-Cell Lymphoma" **Emilio M Serrano-López, C3M**

17:00 AWARDS CEREMONY "THE TALENTED RESEARCHERS STEP ON STAGE"

17:10 COOLING BREAK & PLATFORMS, INDUSTRIALS & POSTER SESSION

18:30 END OF THE 1ST DAY

JULY 2ND

08:45 WELCOME COFFEE

09:00 PRESENTATION FROM INCa
Bruno Quesnel, Head of Research & Innovation

09:15 MOLECULAR BASIS OF CANCER DEVELOPMENT SESSION

- **Publication:** "Locus-level L1 DNA methylation profiling reveals the epigenetic and transcriptional interplay between LIs and their integration sites," **Cell Genomics, Gael Cristofari, IRCAN**
- **Publication:** "In vitro differentiation of mouse pluripotent stem cells into corticosteroid-producing adrenocortical cells" **Stem Cell Reports, Melina Tedesco, iBV**
- **Project:** "Targeting the IRAK signaling pathway to harness the NK-mediated immune response in neuroblastoma" **Marion Le Grand, CRCM**
- **Oral Communication:** "Impact of sexual dimorphism on senescence immune checkpoints (SIC) modulation of immunosurveillance and implications in age-related diseases and cancer development" **Iryna Moskalevska, IRCAN**

10:15 BMS SYMPOSIUM
"CAR-T Cells Current Developments"
Sandrine Roulland, CIML & Thomas Cluzeau, CHU de Nice

10:55 COFFEE BREAK & PLATFORMS, INDUSTRIALS & POSTER SESSION

11:25 TEASING SPONSORS

- "Evaluation of cellular metabolism under hypoxia using the Seahorse XF: Comparison of 2D and 3D culture models" **Agilent - Nathalie Mazure, C3M**
- Sino Biological

11:45 SOLID TUMORS SESSION

- **Publication:** "Inhibition of the STAT3/Fanconi anemia axis is synthetic lethal with PARP inhibition in breast cancer" **Nature Communications, Celia D. Rouault, CRCM**
- **Project:** "Ironing Out Cancer: Targeting Medulloblastoma's Metabolic Dependency" **Milica Vucetic, CSM**
- **Project:** "Repurposing of Lonafarnib in HRAS-driven solid tumors" **Hedi Ben Yahia, CAL**
- **Oral Communication:** "Microbiota and dysbiosis associated with prostate cancer" **Romain Lotte, C3M**
- **Oral Communication:** "The extracellular matrix drives guanylate production and protects pancreatic cancer cells from oxaliplatin-induced DNA damage" **Georgios Efthymiou, CRCM**

13:00 LUNCH BREAK

14:15 ONCO-IMMUNOLOGY SESSION

- **Publication:** "High-dimensional single-cell analysis of human natural killer cell heterogeneity" **Nature Immunology, Lucas Rebuffet, CIML**
- **Project:** "Reprogramming the innate immune response for PDAC immunotherapy" **Erinn Soucie, CRCM**
- **Oral Communication:** "Reprogramming of Pro-tumoral Monocyte-derived Macrophages: A Novel Strategy Targeting Cathepsin B and Non-Apoptotic Caspases" **Emeline Kerreneur, C3M**
- **Oral Communication:** "Mapping and pharmacological targeting of CISH intracellular signaling checkpoint interactions in CD8+ T cells to improve immunotherapy" **Iliana Loffreda, CRCM**

15:15 COFFEE BREAK & PLATFORMS, INDUSTRIALS & POSTER SESSION

15:45 FOCUS ON CANCEROPÔLE'S EmA PROJECT
"Combination Target Discovery in Oncology Drug Development: Accelerating Precision Treatment for immunotherapies, using Predictive Single-cell Pharmacodynamics"
Jérémie Roux, IPMC / Inria

16:15 AWARDS CEREMONY ORAL COMMUNICATIONS & POSTERS

16:30 CLOSING CEREMONY
Pascal Barbry, Canceropôle's President

17:00 END OF THE SEMINAR

