

12TH EDITION ANNUAL SEMINAR

1ST & 2ND JULY 2025

PRELIMINARY PROGRAM

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 Barenti, 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**
 - Standard BIOTOOLS
- 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
 - **METCONNECT** - Tumour Metabolism Analysis
 - **CEEVEC** - Extracellular Vesicles in Cancerology
 - **ST-omics** - Spatial Transcriptomics
- 15:20 PRESENTATION OF MARSEILLE IMMUNOBIOLOGY CLUSTER**
- 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 origins of Chronic lymphocytic leukemia" **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**

PRELIMINARY PROGRAM

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 L1s 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

- 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, Speaker to determine**
- **Project:** "Ironing Out Cancer: Targeting Medulloblastoma's Metabolic Dependency" **Milica Vucetic, CSM**
- **Project:** "Lonafarnib in cancerology" **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

