

22<sup>nd</sup>

# Annual Meeting

## Cancéropôle

### Grand Sud-Ouest



22<sup>nd</sup> Annual meeting  
Congress Center, Nîmes  
November 18-20

## PROGRAM



[www.canceropole-gso.org](http://www.canceropole-gso.org)



# Wednesday 18<sup>th</sup> November

## 12h30 – 14h00: Welcome buffet

## 14h00-14h20: Opening Ceremony

Vincent BOUGET, Mayor of the City of Nîmes, Jean Olivier ARNAUD, Cancéropôle Grand Sud-Ouest President, Nadine HOUÉDE, Cancéropôle Grand Sud-Ouest Scientific Director and Frédéric RIMATTEI, General Director CHU NÎMES

## 14h20-16h00: TRANSLATIONAL RESEARCH IN COLORECTAL CANCER

Chairs: Niki CHRISTOU & Julie PANNEQUIN

Lecture: **Eduard BATLLE**, ICREA & Cancer Science Program. Institute for Research in Biomedicine (IRB Barcelona). The Barcelona Institute of Science and Technology (BIST), Barcelona (Spain)

### Plasticity and therapy resistance in metastatic colorectal cancer

Lecture: **François GHIRINGHELLI**, INSERM UMR1231, Université de Bourgogne; Centre Georges-François Leclerc; Clinical Trial Unit CLIPP, Dijon

### Immunotherapy for microsatellite-stable colorectal cancer: from resistance mechanisms to biomarker-guided combinations

- Imène GASMI, Institute of Functional Genomics (IGF), Montpellier- Tuft cells remodel the mucosal immune microenvironment to promote intestinal tumorigenesis
- Maëlle CAROFF, Institut de Pharmacologie et de Biologie Structurale (IPBS), Toulouse - Targeting Microsatellite-Instable cancers through ligand stabilization of DNA Three-Way Junctions

## 16h00-16h15: CANCER RESEARCH IN TOULOUSE AT A GLANCE

Véronique GIGOUX, Pierre CORDELIÉ & Olivier CALVAYRAC, Cancer Research Center of Toulouse

## 16h15-17h00: Coffee break

## 17h00-18h30: Two parallel sessions

### THERAPIES & VACCINES



Chair: Sandrine DABERNAT

Lecture: **Cindy NEUZILLET**, Hôpital Paul Brousse, Villejuif

### Advances in Immune-Based Therapies and Vaccine Strategies for Pancreatic Cancer

- Jean-Marie CARPIER, ENTEROME, Paris - From gut-bacteria mimicry to anti-tumor immunity: a new class of in vivo immune therapies
- Maha AYYOUB, Cancer Research Center of Toulouse - Lessons from Immune Checkpoint Blockade: Neoantigens and Shared Tumor Antigens for Therapeutic Cancer Vaccine Development
- Juliette MAIRESSE, Montpellier Cancer Research Institute (IRCM) - Proof of concept of a new technology of RNA vaccine based on poly (β-amino ester) nanoparticles in lung cancer



### GENOME DYNAMICS AND EXPRESSION



Chair: Thomas CLOUAIRE

Lecture: **Maria ABAD**, Vall d'Hebron Institute of Oncology, Barcelona (Spain) & Altos Labs, Cambridge Institute of Science, Cambridge (UK)

### When the non-coding codes: Mining the microproteome for novel regulators of cell plasticity

- Brice LAFFLEUR, Control of the Immune B Response and Lymphoproliferations (CRIBL), Limoges - DIS3 Ribonuclease Safeguards Genome Stability in Multiple Myeloma
- Augustine BLANC-BEOKHOLT, Toulouse Cancer Research Center (CRCT) - Single-cell timecourse analysis of an in-vitro model of Chronic Lymphocytic Leukemia
- Maximilien NDJAMI-MAKANDA, Centre de Biologie Intégrative de Toulouse (CBI) - How do cohesin and transcription cooperate to organize the genome?
- Kuldeep LAHRY, Montpellier Cancer Research Institute (IRCM)- Hijacking the tRNA Eptitranscriptome to Restrain Cancer Growth

## 18h30: Drinks & Posters Session

# Thursday 19<sup>th</sup> November

## 08h00-08h30: Welcome Coffee

## 08h30-10h20: HOT TOPICS IN ONCOLOGY

Chairs : Pierre CORDELIER & Eric JULIEN

Lecture : **Fanny MANN**, Aix Marseille University, CNRS, IBDM, Marseille

### Nerve-tumor crosstalk in pancreatic cancer

Lecture: **Luca MAGNANI**, Breast Cancer Epigenetics and Evolution Group, Breast Cancer Now Toby Robins Research Centre, The Institute of Cancer Research, London (United Kingdom); Onco-hematology department (DIPO) Università degli Studi di Milano La Statale (Italy)

### Dormancy's Dice: The Long Game of ER+ Breast Cancer

- **Giacomo CAVALLI**, Institute of Human Genetics, Montpellier - Epigenetic drivers of cellular fate changes
- **Gautier FOLLAIN**, BoRdeaux Institute of oncology (BRIC), Bordeaux - Extravasation of circulating tumor cells

## 10h20-11h30: Coffee break & Posters Session

## 11h30-13h00: ARTIFICIAL INTELLIGENCE IN OCOLOGY: CHALLENGES, METHODS & PERSPECTIVES

Guest Moderator & lecture: **Hugues BERRY**, National Institute for Research in Digital Science and Technology, Lyon

### L'IA pour la recherche biomédicale : quelques enjeux et challenges devant nous

- **Marion TARDIEU**, Institute of Cancer Research of Montpellier  
Artificial intelligence in medical imaging
- **Kevin MOUZAT**, Centre Hospitalier Universitaire de Nîmes Title to come

## 13h00- 13h15 : Société Française du Cancer

## 13h15-14h30: Lunch break

## 14h30-16h00: Three parallel sessions

### SIGNALING, MICROENVIRONMENT AND TARGETING



Chair: Violaine MOREAU

Lecture : **Vincent GUEN**, Inserm UMR 1307, CNRS UMR 6075, CRCI2NA, Nantes Université, Inserm US16, CNRS UAR 3556, BioCore, Nantes Université, CHU Nantes, SFR Bonamy, Nantes

### Understanding and targeting tumor plasticity in breast cancer

- **Laure DAVID**, Institut de recherche en santé digestive, INSERM, INRAE, ENVT, Toulouse - Bacterial extracellular vesicles as innovative biotherapies for bladder cancer
- **Thibault HOULES**, Institute of Molecular Genetics of Montpellier (IGMM) - SUMOylation controls Acute Myeloid Leukemia response to therapies
- **Claire CRAMPES**, Montpellier Cancer Research Institute (IRCM) -Targeting Stromal BIGH3 Restores Anti-Tumor Immunity and Suppresses Cachexia
- **Camille ATTANE**, Institute of Pharmacology and Structural Biology (IPBS) Toulouse - Bone marrow adipocytes as new metabolic actors in cancer progression

### NEW MODELS FOR THERAPY



Chair(s): To come

Lecture: **Rita FIOR**, Champalimaud Foundation, Lisbon (Portugal)

### Zebrafish Avatars: a Precision Oncology Platform for Personalized Medicine & Discovery of Innate Immune Evasion Mechanisms

- **Majid KHATIB**, BoRdeaux Institute of Oncology (BRIC)  
Zebrafish Models Reveal Protein Maturation as a Therapeutic Target in Cancer and Angiogenesis
- **Audrey FERRAND**, Institut de Recherche en Santé Digestive (IRSD), Université de Toulouse, INSERM, INRAE, ENVT, UPS, Toulouse  
Title to come

### IA DANS LES SOINS (In French)



Chair: Sophie GOURGOU

Lecture: **Marie CANTALOUBE**, Institut du Cancer de Montpellier,

**Miroki, robot en radiothérapie à l'ICM : utilisation clinique comme soutien psychologique chez les enfants**

Lecture: **Sabrina SUFFREN**, Université de Montpellier Paul-Valéry

**Miroki, le robot compagnon: approche psychologique**

Lecture: **Renaud SCHIAPPA**, Centre Antoine Lacassagne, Nice

Utilisation de l'IA dans la recherche clinique en oncologie

## 16h00-16h45: Coffee break

## 16h45-17h45: PRESTIGE CONFERENCE

Chair: Nadine HOUDE

Lecture: **Ian TANNOCK**, Princess Margaret Cancer Centre, Toronto (Canada)

Clinical and scientific literature: Should we believe what we read?

## 17h45 -19h15 : Lecture de la pièce de théâtre RADICALE (TEXTE ET MISE EN SCÈNE : DAVID FRISZMAN) In French

Suivie d'un débat coanimé par les Professeurs Nadine HOUDE, Directrice scientifique du Cancéropôle GSO, Dominique CHORT (Patient partenaire), Muriel BRENGUES (chercheur, IRCM) et Morgan MICHALET (Oncologue radiothérapeute, ICM/CHU Nîmes)

## 20h00: Gala event

# Friday 20<sup>th</sup> November

**08h30-9h00: Welcome coffee**

**09h00-10h20: "RISING STARS" (Young Scientist Oral Presentation Competition)**

Chair(s): To come

- **Rayan DAKROUB**, *Institute of Molecular Genetics of Montpellier (IGMM), Montpellier* - **The Roles of Ki-67 in Cancer and the Anti-tumour Immune Responses**
- **Cédric FABRE**, *Institute of Pharmacology and Structural Biology (IPBS) Toulouse* - **Overcoming T cell exclusion in PDAC: Periostin as a therapeutic target?**
- **Laura JENTSCHER**, *Institute of Functional Genomics (IGF), Montpellier* - **Chemotherapy-Induced Translational Rewiring Enables Drug-Tolerant Persister Exit and Tumor Relapse**
- **Sahar MAHMOUD**, *Institute of Human Genetics (IGH), Montpellier* - **From AI-Predicted TOPBP1 Mutations to Biological Significance: Implications for the DNA Damage Response (DDR)**
- **Soha ALLIOUI**, *Institute of Molecular Genetics of Montpellier (IGMM), Montpellier* - **A first-in-class self-activating cGas\*-mRNA-LNP immunotherapy for hepatocellular carcinoma**
- **Margaux AYEUL**, *Montpellier Cancer Research Institute (IRCM)* - **Understanding and Targeting ATF3-Mediated Resistance Mechanisms to Improve Therapeutic Outcomes in Upper Tract Urothelial Carcinoma**
- **Jérémy BIGOT**, *Toulouse Cancer Research Center (CRCT)* - **Exploiting therapy-induced plasticity: the glucocorticoid-SPIB-CD20 axis creates a targetable vulnerability in residual B-ALL cells**
- **Marianne RICHAUD**, *Montpellier Cancer Research Institute (IRCM)* - **Exploring Chromatin Organization Through Circulating DNA: Nucleosome Occupancy and Y Chromosome Fragmentation Across Health and Cancer**

**10h20-10h30: Presentation of the Nîmes University Hospital Foundation Fund**

**10h30-10h50: Awards ceremony**

**10h50-11h20: Coffee break**

**11h20-13h00: Two parallel sessions**

## TRANSLATIONNAL RESEARCH IN PEDIATRIC ONCOLOGY

Chair(s): **Marlène PASQUET**

Lecture: **Riccardo MASETTI**, *University of Bologna (Italy)*

Title to come

- **Marlène PASQUET**, *CHU, Toulouse* & **Justine NOUJARED BIGNON** – CIRCLE overview for pediatric oncology
- **Anne LAPRIE**, *Oncopole Claudius Regaud, Toulouse* & **Thomas DAUBON**, *BoRdeaux Institute of Oncology (BRIC)* - Title to come
- **Alexandre THERON**, *CHU, Montpellier* & **Eric DELABESSE**, *Cancer Research Center of Toulouse (CRCT)* - Title to come
- **Farid BOULAD**, *président de la Commission scientifique d'Enfants Cancers* - Title to come



## LITTERATIE EN SANTE - COMPREHENSION DE L'INFORMATION MEDICALE (In French)

Chair: **Véronique BERNAD**

Lecture : **Angéline GALVIN**, *Institut de Santé Publique, d'Épidémiologie et de Développement, Bordeaux*

**Littératie en santé chez les patients âgés atteints de cancer : comprendre, mesurer et agir**

Lecture : **Françoise ABRIAL**, *DigiScribMed, Lyon*

**Comprendre ne suffit pas : concevoir des outils numériques patients réellement actionnables**

Lecture : **Jérémy JOST**, *Université de Limoges*

**La littératie en santé à l'épreuve de la diversité culturelle : quels enjeux pour l'équité en cancérologie ?**



**13h00: Closing buffet**

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