

# Cellular Bases for Patient Response to Cancer Therapies Programme

Lyon, France

14 - 16 November 2023



## Scientific Programme

Tuesday 14th November 2023

**Listed times are in Central European Time (CET)**

- 11:30 REGISTRATION & WELCOME LUNCH (LUNCH FROM 12:00)
- 13:00 WELCOME TO DAY ONE
- SESSION 1 - TECHNOLOGIES AND GENOMICS  
**Chair: Sophie Postel-Vinay**
- 13:10 OPENING KEYNOTE LECTURE  
**Scott Lowe**  
Memorial Sloan Kettering Cancer Centre, New York, USA  
"Understanding and exploiting tumor suppressive programs"  
Q&A: 13:45-13:55
- 13:55 **Céline Vallot**  
Institut Curie, Paris, France  
"Mechanisms of cell plasticity in breast cancers"  
Q&A: 14:15-14:25
- 14:25 **Mirja Rotinen**  
Public University of Navarre, Pamplona, Spain  
Proffered Paper 1: "ONECUT2 is a targetable lineage plasticity modulator of breast cancer that suppresses the estrogen axis"  
Q&A: 14:35 - 14:40
- 14:40 EXHIBITOR INTRODUCTIONS
- 14:50 COFFEE BREAK & EXHIBITION
- 15:20 **Jean Soulier**  
Hôpital Saint-Louis, INSERM, Paris, France  
"Secondary leukemia to stressed hematopoiesis"  
Q&A: 15:40-15:50
- 15:50 **Renata Basto**  
Institut Curie, Paris, France  
"Centrosome amplification induces apoptotic priming and favors the response to chemotherapy in epithelial ovarian cancer beyond multipolar divisions"  
Q&A: 16:10-16:20
- 16:20 POSTER SPOTLIGHTS  
Valeria Bica, University of Rome "Tor Vergata", Rome, Italy; Oriol de Barrios Barri, Josep Carreras Leukemia Research Centre, Barcelona, Spain; Naoyuki Nishiya, Iwate Medical University School of Pharmacy, Shiwa-gun, Japan

- 16:30 **MEET THE EXPERT SESSION**  
Yves Pommier, National Cancer Institute, Center for Cancer Research, Bethesda, USA; Céline Vallot, Institut Curie, Paris, France
- 17:00 **WELCOME RECEPTION**
- 17:45 **POSTER DISCUSSION SESSION 1**

## Wednesday 15th November 2023

**Listed times are in Central European Time (CET)**

- 08:30 **EARLY POSTER VIEWING**  
**SESSION 2: LEUKEMIA THERAPY**  
**Chair: Patrick Mehlen**
- 09:00 **Andreas Trumpp**  
German Cancer Research Centre (DKFZ), Heidelberg, Germany  
"MAC-scoring in leukemic stem cells predicts response to Venetoclax in AML patients"  
Q&A: 09:20-09:30
- 09:30 **Irina Korovina**  
HZDR – Helmholtz-Zentrum Dresden-Rossendorf, Dresden, Germany  
Proffered Paper 2: "Integrin  $\alpha 2$ -deficiency reduces treatment resistance in glioblastoma by modulating ATF1 activity"  
Q&A: 09:40 - 09:45
- 09:45 **Hugues de Thé**  
College de France, Paris, France  
"From nuclear architecture to leukemia cure: emerging roles of PML"  
Q&A: 10:05-10:15
- 10:15 **Yves Pommier**  
National Cancer Institute, Center for Cancer Research, Bethesda, MA, USA  
"Genomics and Schlafen 11 (SLFN11) as predictors in oncology clinical trials"  
Q&A: 10:35-10:45
- 10:45 **COFFEE BREAK & EXHIBITION**
- 11:15 **Julien Ablain**  
CRCL, Lyon, France  
"Investigating the mechanisms of melanoma development and therapy response using zebrafish"  
Q&A: 11:35-11:45
- 11:45 **Laura Broutier**  
CRCL, Lyon, France  
Proffered Paper 3: "Modelling the next-generation of fusion-negative rhabdomyosarcoma 3D-organoids to predict effective drug combinations: a proof-of-concept on cell death inducers"  
Q&A: 11:55 - 12:00
- 12:00 **POSTER SPOTLIGHTS**  
Emmanuel Griessinger, Université Côte d'Azur, INSERM, Menton, France; Thi Nhat Uyen Nguyen, Taipei Medical University, Taipei, Taiwan; Sean Rudd,

Karolinska Institutet, Solna, Sweden

12:10 LUNCH & EXHIBITION

13:10 POSTER DISCUSSION SESSION 2

SESSION 3: NOVEL APPROACHES TO DRUG SENSITIVITY

**Chair: Hugues de The**

14:40 **Sophie Postel-Vinay**

IGR, Paris, France

"Harnessing genetic vulnerabilities in immuno-oncology: novel therapeutic opportunities"

Q&A: 15:00-15:10

15:10 **Mattia Marinucci**

University of Basel, Basel, Switzerland

Proffered Paper 4: "(Phospho)Proteomic analysis reveals vulnerabilities in metastatic colorectal cancer"

Q&A: 15:20 - 15:25

15:25 **Hyunbin Huh**

Yonsei, Seoul, South Korea

Proffered Paper 5: "Reprogramming anchorage dependency by adherent-to-suspension transition promotes metastatic dissemination"

Q&A: 15:35 - 15:40

15:40 **Patrick Mehlen**

Lyon Cancer Research Center (CRCL), Paris, France

"Targeting netrin-1 in cancer: from mechanisms of cell death to patients"

Q&A: 16:00-16:10

16:10 COFFEE BREAK & EXHIBITION

16:40 **Fanny Jaulin**

Gustave Roussy, Villejuif, France

"Organoids as tools for functional precision medicine in advanced pancreatic cancer"

Q&A: 17:00-17:10

17:10 THE EMBO KEYNOTE LECTURE

**Cedric Blanpain**

Laboratory of Stem Cells and Cancer, ULB, Brussels, Belgium

"Targeting EMT mediated resistance to therapy"

Q&A: 17:30-17:40

17:40 PANEL DISCUSSION

**Chair: Hugues de The**

Sophie Postel-Vinay, IGR, Paris, France; Patrick Mehlen, CRCL, Paris, France; Fanny Jaulin (Gustave Roussy, Villejuif, France)

19:30 CONFERENCE DINNER

The 3-course dinner will be at the Hotel Crowne Plaza Lyon's restaurant, Antipasto. Optional ticketed event.

Thursday 16th November 2023

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08:30 **EARLY POSTER VIEWING**

**SESSION 4: METABOLISM AND SENESCENCE**

**Chair: Sophie Postel-Vinay**

09:00 **Filipe Cabriero**

MRC London Institute of Medical Sciences, London, UK

"Microbially derived adjuvants for cancer chemotherapy"

Q&A: 09:20-09:30

09:30 **Jean-Emmanuel Sarry**

Centre de Recherches en Cancérologie de Toulouse (Oncopole), Toulouse, France

"Metabolic bases of drug resistance in acute myeloid leukemia"

Q&A: 09:50-10:00

10:00 **Rocio Matesanz Sanchez**

OncoRay – National Center for Radiation Research in Oncology, Dresden, Germany

Proffered Paper 6: "Targeting exostosin glycosyltransferase 2 (EXT2) modulates glioblastoma cell metabolism, sensitizing to X-ray irradiation via ferroptosis"

Q&A: 10:10 - 10:15

10:15 **COFFEE BREAK & EXHIBITION**

10:45 **Geraldine Gentric**

Institut Curie, Paris, France

"Role of stromal heterogeneity in resistance to treatments"

Q&A: 11:05-11:15

11:15 **Closing Keynote - Clemens Schmitt**

Max Delbrück Center, Berlin, Germany

"Apoptosis-competent anticancer treatment failure"

Q&A: 11:50-12:00

12:00 **SUMMARY & CLOSE**