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 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 Delbruck Center, Berlin, Germany
"Apoptosis-competent anticancer treatment failure"

Q&A: 11:50-12:00

12:00 SUMMARY & CLOSE