

Cancer Cell Plasticity: Cracking the Code of Adaptation and Survival Programme

Virtual Event

2 - 3 December 2025



Scientific Programme

Tuesday 2nd December 2025

Listed times are in Central European Time (CET)

13:00 **WELCOME TO DAY ONE**

Chair: Cédric Blanpain

13:05 **Mark Dawson**

Peter MacCallum Cancer Centre, Australia

'Genetic and non-genetic mechanisms of clonal dominance and therapeutic resistance in cancer'

Q&A 13:25-13:35

13:35 **Direna Alonso-Curbelo**

IRB Barcelona, Spain

'Epigenetic plasticity at the crossroads of inflammation and pancreatic tumorigenesis'

Q&A 13:55-14:05

14:05 **Christopher Hanley**

University of Southampton, UK

Proffered Paper 1: 'TP53 Inactivation and Microenvironmental Cues Coordinate Lineage Plasticity and Therapy Resistance in Lung Adenocarcinoma'

Q&A 14:15-14:20

14:20 **FLASH TALKS 1**

A selection of high-scoring abstracts presented as 3 minute flash talks.

14:40 **REFRESHMENT BREAK**

Chair: Dana Pe'er

14:50 **Raphael Rodriguez**

Institut Curie, France

'Chemical control of cell adaptation'

Q&A 15:10-15:20

15:20 **Sven Gröbl**

German Cancer Research Center, Germany

Proffered Paper 2: 'Acidosis orchestrates adaptations of energy metabolism in tumors'

Q&A 15:30-15:35

15:35 **Marco Fantuz**

Veneto Institute of Molecular Medicine, Italy

Proffered Paper 3: 'Multi-omic single nuclei profiling of murine pancreas at homeostasis'

- Q&A 15:45-15:50
- 15:50 **REFRESHMENT BREAK**
- 16:05 **Adrienne A. Boire**
Memorial Sloan Kettering Cancer Centre, USA
'Metabolic Reprogramming of Metastases in the Central Nervous System'
Q&A: 16:25-16:35
- 16:35 **FLASH TALKS 2**
A selection of high-scoring abstracts presented as 3 minute flash talks.
- 16:50 **SUMMARY AND CLOSE**

Wednesday 3rd December 2025

Listed times are in Central European Time (CET)

- 13:00 **WELCOME TO DAY TWO**
Chair: Eduard Batlle
- 13:05 **Ilaria Malanchi**
Francis Crick Institute, UK
'Emergency granulopoiesis and cancer progression'
Q&A 13:25-13:35
- 13:35 **Cassandra Burdziak**
Memorial Sloan Kettering Cancer Centre, USA
'Decoding orthogonal axes of plasticity in prostate cancer progression'
Q&A 13:55-14:05
- 14:05 **Tancredi Massimo Pentimalli**
Max Delbrück Center, Germany
Proffered Paper 4: 'Spatiotemporal dynamics of tumor microenvironment remodeling'
Q&A 14:15-14:20
- 14:20 **FLASH TALKS 3**
A selection of high-scoring abstracts presented as 3 minute flash talks.
- 14:40 **REFRESHMENT BREAK**
Chair: Chris Marine
- 14:50 **Julie Pannequin**
Institut de Génomique Fonctionnelle (IGF), France
Proffered Paper 5: 'Impact of 5-Fluorouracil (5-FU) on tumor plasticity'
Q&A 15:00-15:05
- 15:05 **THE EMBO KEYNOTE LECTURE**
Eduard Batlle
IRB Barcelona, Spain
'Plasticity, therapy resistance and immune evasion in metastatic colorectal cancer'
Q&A 15:25-15:35
- 15:35 **Lars Custers**

ETH Zürich, Switzerland

Proffered Paper 6: 'Malignant differentiation dynamics drive chemotherapeutic escape in colorectal cancer'

Q&A: 15:45-15:50

15:50 REFRESHMENT BREAK

16:05 **Frederic de Sauvage**

Genentech, USA

'Tumor cell plasticity in colon cancer'

Q&A 16:25-16:35

16:35 FLASH TALKS 4

A selection of high-scoring abstracts presented as 3 minute flash talks.

16:50 DISCUSSION SESSION

Chris Marine, Cedric Blanpain, Dana Pe'er, Eduard Batlle

'Examining the importance of phenotypic plasticity as a driver of cancer evolution'

17:30 SUMMARY AND CLOSE