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 Größl**
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 Delbruck 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