

Stem Cell Biology, Cancer Plasticity and Therapeutic Potential Programme

Virtual Event, Worldwide

25 - 26 April 2023



Scientific Programme

Tuesday 25th April 2023

Listed times are in Central European Summer Time (CEST)

WELCOME TO DAY ONE

SESSION ONE DRIVERS OF EARLY TUMORIGENESIS

Chair: Michaela Frye

13:05 **Jane Visvader**
"Using stem cell biology to decipher breast cancer"

13:25 Q&A 13:25 - 13:35

13:35 **Pekka Katajisto**
"Stem cell niche interactions in early tumorigenesis"

13:55 Q&A 13:55 - 14:05

14:05 **Proffered Paper 1: William Hill**
Francis Crick Institute, London, UK
'Lung Adenocarcinoma Promotion by Air Pollutants'

14:15 Q&A 14:15 - 14:20

14:20 Break

SESSION TWO FROM TISSUE STEMNESS TO CANCER

Chair: Meritxell Huch

14:35 **Kamil Kranc**
"The impact of RNA modifications on normal and malignant haematopoiesis"

14:55 Q&A 14:55 - 15:05

15:05 **Proffered Paper 2: Lidia Fortuny**
University of Barcelona, Barcelona, Spain
'Metabolic heterogeneity as a driver of stem cell fate and tumorigenesis in the intestine'

15:15 Q&A 15:15 - 15:20

15:20 **Tuomas Tammela**
"Aging-induced reprogramming of the cell of origin defines lung cancer evolution"

15:40 Q&A 15:40 - 15:50

15:50 POSTER SPOTLIGHTS

Chair: Ilaria Malanchi

Chiara Battistini, IEO, Milan, Italy; Mariana Bustamente Eduardo, Northwestern University, Chicago, USA; Ana Rita Silva, i3S, Porto, Portugal

16:00 Transition to Poster Discussion Session

16:15 POSTER DISCUSSION SESSION 1

Wednesday 26th April 2023

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12:30 POSTER DISCUSSION SESSION 2

13:30 Transition to Webinar

14:00 WELCOME TO DAY TWO

SESSION 3 CANCER PLASTICITY

Chair: Mohamed Bentires-Alj

14:05 **Richard White**

"What determines oncogenic competence?"

14:25 Q&A 14:25 - 14:35

14:35 **Proffered Paper 3: Panagiotis Karras**

VIB Center for Cancer Biology, Leuven, Belgium

'Dissecting cell state diversity during melanoma growth and metastasis'

14:45 Q&A 14:45 - 14:50

14:50 **Direna Alonso-Curbelo**

"Epigenetic licensing of neoplastic plasticity in pancreatic cancer"

15:10 Q&A 15:10 - 15:20

15:20 Break

SESSION 4 THERAPY OPPORTUNITIES

Chair: Tuomas Tammela

15:35 **Maria Alcolea**

"From development to homeostasis and back"

15:55 Q&A 15:55 - 16:05

16:05 **Dana Ishay-Ronen**

"Cancer cell plasticity as a window for trans-differentiation treatment"

16:25 Q&A 16:25 - 16:35

16:35 **Proffered Paper 4: Giorgio Seano**

Institut Curie, Orsay, France

'Glioblastoma vessel co-option and resistance to chemoradiation'

16:45 Q&A 16:45 - 16:50

16:50 DISCUSSION FORUM

Nature vs Nurture: how does phenotypic plasticity relate to mutational driven somatic evolution in cancer?

Chair: Ilaria Malanchi

Speakers: Tuomas Tammela, Richard White, Direna Alonso-Curbelo and Maria Alcolea

17:20 END OF DAY TWO SUMMARY