The Structural Microenvironment: Breaking down the walls of cancer Programme

Virtual event, Worldwide

22 - 23 February 2022

Scientific Programme

Tuesday 22nd February 2022

Listed times are in Central European Time (CET)

13:00 WELCOME TO DAY 1

Scientific Programme Committee

SESSION 1

Chair: Sara Zanivan

13:05 **Janine Erler**

University of Copenhagen, Denmark

"Organ scaffold regulation of metastasis"

Q&A: 13:25 - 13:45

13:45 Sponsor Introductions

13:50 **Thomas Cox**

Garvan Institute of Medical Research, Australia

"Deconstructing Solid Tumour Heterogeneity: The Stromal Matrix Perspective"

Q&A: 14:10 - 14:30

14:30 5-minute break

14:35 INDUSTRY SYMPOSIUM

LUNAPHORE

Dr. Pamela Pulimeno, Alix Faillétaz and Jonathan Mignot

"Spatial biology made easy: multiplex sequential immunofluorescence in a few steps"

Q&A: 14:55 - 15:05

15:05 BREAK

Coffee & stretching

SESSION 2

Chair: Jacky Goetz

15:20 **Sara Zanivan**

Beatson Institute for Cancer Research, UK

"CAF metabolism shapes the tumour microenvironment: roles in collagen production"

Q&A: 15:40 - 16:00

16:00 5-minute break

16:05 **Fabricio Loayza-Puch**

German Cancer Research Center (DKFZ), Germany

Proffered Paper 1: "Dual ribosome profiling uncovers metabolic limitations in distinct cellular populations of the tumor microenvironment (TME)"

Q&A: 16:15 - 16:25

16:25 **Julie di Martino**
Mount Sinai School of Medicine, USA
Proffered Paper 2: "A tumor-derived type III collagen-rich ECM niche regulates tumor cell dormancy through a DDR1 STAT1 pathway"

Q&A: 16:35 - 16:45

16:45 10-minute break

16:55 **Valerie Weaver**
UCSF, USA
"Mechanosensitive hormone signaling promotes mammary progenitor expansion, cancer risk and malignant progression"

Q&A: 17:15 - 17:35

17:35 POSTER SPOTLIGHTS
4 top abstracts presented as 3 minute flash talks by Teresa Glauner (Beatson Institute for Cancer Research), Oshrat Levi Galibov (Weizmann Institute), Ozgur Sahin (University of South Carolina) and Neta Solomon (Tel Aviv University).

17:50 INFORMAL GATHERING IN 'GATHER'
An informal opportunity for participants to browse the posters, visit the trade stands and make new connections. The virtual exhibition hall and posters will remain open for 24 hours for you to browse at your leisure.

Wednesday 23rd February 2022

Listed times are in Central European Time (CET)

12:30 VIRTUAL POSTER DISCUSSION SESSION

14:00 WELCOME TO DAY 2
Scientific Programme Committee

SESSION 3
Chair: Neta Erez

14:05 **Ruth Scherz-Shouval**
Weizmann Institute, Israel
“The role of stromal stress responses in modulation of the structural tumor microenvironment”

Q&A: 14:25 - 14:45

14:45 Sponsor Introductions

14:50 **Christopher Hanley**
University of Southampton, UK
Proffered Paper 3: "Single-cell RNA sequencing identifies fibroblast subpopulations with tumour-promoting and suppressive properties in lung adenocarcinoma"

Q&A: 15:00 - 15:10

15:10 **Giorgio Seano**
Institut Curie, France
Proffered Paper 4: "Vessel co-option, resistance to therapy and plasticity in glioblastoma"

Q&A: 15:20 - 15:30

15:30 5-minute break

15:35 INDUSTRY SYMPOSIUM
PARTHENON THERAPEUTICS
Thomas Schürpf
"Breaking down barriers in the tumor microenvironment with a first-in-class anti-DDR1 therapeutic antibody targeting immune-excluded tumors."

Q&A: 16:00 - 16:05

16:05 BREAK
Coffee & stretching

SESSION 4
Chair: Janine Erler

16:20 **Jacky Goetz**
INSERM, France
"Intravascular forces shape tumor metastasis"

Q&A: 16:40 - 17:00

17:00 10-minute break

17:10 **Neta Erez**
Tel Aviv University, Israel.
"Inflammatory crosstalk between stromal and immune cells shapes the metastatic microenvironment"

Q&A: 17:30 - 17:50

17:50 5-minute break

17:55 MEET THE EXPERT TALK
Neta Erez
Tel Aviv University, Israel.
Following on from her scientific talk, Neta Erez will host an informal session where she will share her own personal and professional experiences of her path to scientific leadership.

Q&A: 18:40 - 18:55

18:55 END OF DAY 2 SUMMARY