Seed and Soil: In Vivo Models of Metastasis Programme

Virtual Event, Worldwide
25 - 26 January 2022

Scientific Programme

Tuesday 25th January 2022

Listed times are in Central European Time (CET).

13:00 WELCOME TO DAY 1
Andreas Trumpp

SESSION 1
Chair: Andreas Trumpp

13:05 **Sarah-Maria Fendt**
VIB-KU Leuven Center for Cancer Biology, Belgium
"Metabolic rewiring in metastasis formation"

Q&A: 13:25-13:45

13:45 5-minute break

13:50 **Nicola Aceto**
Swiss Federal Institute of Technology, Switzerland
"Biology and Vulnerabilities of Circulating Tumor Cells"

Q&A: 14:10-14:30

14:30 **Alpaslan Tasdogan**
DKTK, University Hospital Essen, Germany
"Targeting Metabolic Liabilities in Cancer Metastasis"

Q&A: 14:50-15:10

15:10 BREAK
Coffee and stretching

SESSION 2
Chair: Yibin Kang

15:20 **Ashani Weeraratna**
John Hopkins University, USA
“Age against the Machine: How aging drives tumor progression”

Q&A: 15:40-16:00

16:00 5-minute break

16:05 **Julie di Martino**
Mount Sinai School of Medicine, USA
Proffered Paper 1: "A tumor-derived type III collagen-rich ECM niche regulates tumor cell dormancy through a DDR1 STAT1 pathway"

Q&A: 16:15-16:25

16:25 **Susana García-Silva**
CNIO, Spain

Proffered Paper 2: "NGFR loaded in extracellular vesicles promotes lymphangiogenesis and lymph node metastasis in melanoma"

Q&A: 16:35-16:45

16:45 BREAK
Coffee and stretching

16:55 **Sophia Lunt**
Michigan State University, USA
"The role of nucleotide sugar biosynthesis pathways in metastasis"

Q&A: 17:25-17:35

17:35 POSTER SPOTLIGHTS
3 top abstracts presented as 3 minute flash talks by Amanda Guitián (INIBIC, Spain), I-Lin Ho (MD Anderson Cancer Center, USA), and Frances Turrell (Institute of Cancer Research, UK).

17:45 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 26th January 2022

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12:30 VIRTUAL POSTER DISCUSSION SESSION IN 'GATHER'

14:00 WELCOME TO DAY 2
Sarah-Maria Fendt

SESSION 3
Chair: Sarah-Maria Fendt

14:05 **Anna Obenauf**
Research Institute of Molecular Pathology, Austria
“Shedding light on the evolution of metastatic clones”.

Q&A: 14:25-14:45

14:45 5-minute break

14:50 **Srinivas Malladi**
UT Southwestern Medical Center, USA
Proffered Paper 3: "Metabolic diversity within breast cancer brain-tropic cells determines metastatic fitness"

Q&A: 15:00-15:10

15:10 **Bin-Zhi Qian**
University of Edinburgh, UK
Proffered Paper 4: "Macrophage promotion of anti-androgen resistance in prostate cancer bone disease"

Q&A: 15:20-15:30

15:30 **Hellmut Augustin**
DKFZ, Germany
"Vascular Control of Tumor Progression and Metastasis"

Q&A: 15:50-16:10

16:10 BREAK
Coffee and stretching

SESSION 4
Chair: Erik Sahai

16:20 THE EMBO KEYNOTE LECTURE
Salvador Aznar Benitah
IRB Barcelona, Spain
"Glial cells in metastasis: influence of dietary fatty acids"

Q&A: 16:40-17:00

17:00 BREAK
Coffee and stretching

17:10 **Mariam Jamal-Hanjani**
University College London, UK
"Evolutionary pathways to metastasis in lung cancer"

Q&A: 17:30-17:50

17:50 5-minute break

17:55 DISCUSSION FORUM

18:55 END OF DAY 2 SUMMARY