Seed and Soil: Mechanisms of Metastasis
Programme
Berlin, Germany
7 - 9 October 2019

Scientific Programme

Monday 7th October 2019

13:00  REGISTRATION
Tea/coffee available

14:30  CONFERENCE WELCOME
Scientific Programme Committee

SESSION 1 - METASTASIS INITIATION
Chair: Janine Terra Erler

14:40  THE EMBO KEYNOTE LECTURE
Cedric Blanpain
ULB, Belgium
“Tumor transition states and metastasis”

15:25  Jonathan Sleeman
University of Heidelberg, Germany
“Matrix-Assisted Autocrine Signaling”

15:55  Luigi Ombrato
The Francis Crick Institute, UK
Proffered Paper 1: “A novel in vivo labelling system reveals tissue parenchyma stem cell features in the metastatic niche”

16:10  EXHIBITOR INTRODUCTIONS
60-second intro pitches by each company

16:20  COFFEE BREAK
Trade exhibition opens at 16:20

16:50  Rosandra Kaplan
NCI/NIH, USA
“Stromal and Immune Cell Plasticity in the Pre Metastatic Niche and Metastatic Progression”

17:20  Christoph Klein
University of Regensburg, Germany
“Mechanisms of early metastatic spread and colony formation: insights from the analysis of disseminated cancer cells”

17:50  Sarah Weischer
Radboudumc, Netherlands
Proffered Paper 2: “An intravascular tumor niche identified by deep-tumor multiphoton endomicroscopy”

18:05  Jim Norman
Beatson Institute, UK
“A role for integrin trafficking in metastatic niche priming”

18:35  POSTER SPOTLIGHTS
Three top-scoring abstracts presented in 3 minute ‘flash talks’

18:45 WELCOME RECEPTION
with drinks and a hot buffet dinner

19:15 POSTER DISCUSSION SESSION 1

Tuesday 8th October 2019

08:30 POSTER VIEWING
Tea/coffee available

SESSION 2 - METASTASIS MAINTENANCE & FORMATION
Chair: Andreas Trumpp

09:00 Sarah-Maria Fendt
VIB-KU Leuven, Belgium
“The role of metabolism is metastasis formation”

09:30 Eduard Batlle
IRB Barcelona, Spain
“Immune evasion and metastasis in colorectal cancer”

10:00 KEYNOTE LECTURE
Caroline Dive
CRUK Manchester Institute, UK
“New approaches to studying lung cancer metastasis using circulating tumour cells”

10:45 COFFEE BREAK

11:20 Anna Lorentzen
Aarhus University, Denmark
Proffered Paper 3: “Single-cell polarity as a pro-metastatic feature of circulating tumour cells”

11:35 Julio Aguirre-Ghiso
The Icahn School of Medicine at Mount Sinai, USA
“Dormant DCCs and adult stem cell niches: a homeostatic seed and soil partnership”

12:05 Gabriele Bergers
VIB-KU Leuven Center for Cancer Biology, Belgium
“Creating an immunostimulating tumor microenvironment: From vessel pruning to vessel tuning”

12:35 POSTER SPOTLIGHTS
Three top-scoring abstracts presented in 3 minute ‘flash talks’

12:45 INDUSTRY SYMPOSIUM - 10X GENOMICS
Hannes Arnold
10x Genomics
“Profiling the Tumor Microenvironment: Functional Characterization at Single Cell Resolution and Spatial Gene Expression”

13:15 LUNCH

14:15 POSTER DISCUSSION SESSION 2
Tea/coffee available

SESSION 3 - TARGETING METASTASIS I
Chair: Sarah-Maria Fendt

15:45 Andreas Trumpp
DKFZ, Germany
"Exploring CDK4/6 inhibitor drug resistance at the single cell level in metastatic breast cancer CTCs"

16:15 Gopalakrishnan Ramakrishnan
UIC, USA
Proffered Paper 4: "The AMP activated protein kinase promotes metastasis through the regulation of ROS production"

16:30 Veronique Orian-Rousseau
KIT, Germany
"Dual function of CD44 in cancer cells and in the tumor stroma"

17:00 DISCUSSION FORUM
Chaired by Caroline Dive, the panel of invited speakers will tackle this important question.
“To EMT or not to EMT, or anything in between?”

19:30 CONFERENCE DINNER
Optional ticketed dinner beginning with a drinks reception in the Planck Lobby of Harnack House

Wednesday 9th October 2019

08:30 POSTER VIEWING
Tea/coffee available

09:00 MEET THE EXPERT TALK
Andreas Trumpp
DKFZ, Germany

SESSION 4 - TARGETING METASTASIS II
Chair: Jonathan Sleeman

09:30 Janine Erler
University of Copenhagen, Denmark
"ECM remodelling during cancer progression"

10:00 Karen Vousden
The Francis Crick Institute, UK
"A role for ROS in regulating metastasis"

10:30 COFFEE BREAK
Trade exhibition closes at 11:00

11:00 Emma Nolan
The Francis Crick Institute, UK
Proffered Paper 5: "Lung exposure to ionizing radiation elicits neutrophil-mediated tissue perturbations and creates a pro-metastatic microenvironment"

11:15 Thordur Oskarsson
DKFZ, Germany
"Regulation of the metastatic niche in breast cancer"

11:45 KEYNOTE LECTURE
Patricia Steeg
NCI/NIH, USA
"The Blood-Tumor Barrier of Brain Metastases"

12:30 CLOSING SUMMARY & AWARDS CEREMONY
Scientific Programme Committee

12:40 BEUG FOUNDATION METASTASIS PRIZE

12:55 LUNCH & DEPART