Seed and Soil: In Vivo Models of Metastasis Programme

Berlin, Germany
27 - 29 November 2017

Scientific Programme

Monday 27th November 2017

14:00 REGISTRATION
Planck Lobby
until 15:30

15:00 COFFEE AVAILABLE
Meitner Salle

15:30 CONFERENCE WELCOME
Hahn Lecture Hall
Scientific Programme Committee

15:45 OPENING KEYNOTE LECTURE
Robert Kerbel
University of Toronto, Canada
"How The Organ Site of Metastases Can Impact Response to Antiangiogenic Drug Based Therapies"

16:45 CONFERENCE DEBATE
Defending: Hellmut Augustin || Opposing: Yibin Kang
"Our current animal models for studying metastasis produce experimental data that have little relevance for treating human disease"

17:45 EXHIBITOR INTRODUCTIONS
A fun session to introduce the companies who are exhibiting at the conference.

17:50 WELCOME RECEPTION
Planck Lobby
Trade exhibition opens

18:30 POSTER DEFENCE SESSION 1
until 20:00
Odd numbered posters (1,3,5 etc) will be presented in this session.

Tuesday 28th November 2017

08:00 POSTER PREVIEW
Meitner Salle
coffee available

09:00 SESSION 1: NEW MODELS OF METASTASIS
Chair: Janine Erler

09:00 **Yibin Kang**
Princeton University, USA
"What can mouse mammary gland development tell us about breast cancer metastasis?"

09:30 **Neta Erez**
Sackler School of Medicine, Israel
"Neuroinflammation and astrogliosis facilitate melanoma brain tropism and metastasis"

10:00 **Alberto Hernández-Barranco**
CNIO, Spain
Proffered Paper 1: "Modulation of the pre-metastatic lymph node niche by melanoma cells through secreted exosomes"

10:15 **Jonathan Sleeman**
University of Heidelberg, Germany
"A new role for VEGF-C in metastatic conditioning of the lung"

10:45 COFFEE BREAK
Meitner Salle

11:15 SESSION 2: IMAGING METASTASIS
Chair: Neta Erez

11:15 **Peter Friedl**
MD Anderson Cancer Center, USA
"Plasticity of cancer cell invasion and metastasis"

11:45 **Chris Madsen**
Lund University, Sweden
"Imaging ECM remodelling during cancer progression and metastasis"

12:15 **Adam Marcus**
Emory University, USA
Proffered Paper 2: "Using an image-guided genomics platform to probe the phenotypic heterogenetiy of collective cancer invasion"

12:30 **Veronika te Boekhorst**
MD Anderson Cancer Center, USA
Proffered Paper 3: "Calpain-2 induced shutdown of 1 integrin function controls amoeboid reprogramming and dissemination under hypoxic challenge"

12:45 SATELLITE SYMPOSIUM - ELITE SPONSOR
Lecture Hall

13:15 LUNCH
Laue-Hall & Restaurant

14:15 POSTER DEFENCE SESSION 2
Meitner Salle
Even numbered posters (2,4,6 etc) will be presented in this session.

15:45 SESSION 3: TRANSGENIC MODELS OF METASTASIS
Chair: Chris Madsen

15:45 **Karin de Visser**
NKI, Netherlands
"Dissecting pro-metastatic cancer - immune interactions utilizing genetically engineered mouse models of metastatic breast cancer"

16:15 **Hellmut Augustin**
German Cancer Research Center Heidelberg, Germany
"Novel preclinical models of primary tumor growth and metastasis"

16:45 **Ophir Shani**

Sackler School of Medicine, Israel
Proffered Paper 4: "Dynamic co-evolution of lung fibroblasts in the metastatic microenvironment during breast cancer metastasis"

17:00 **Irwin Gelman**
Roswell Park Cancer Institute, USA
Proffered Paper 5: "SSeCKS/AKAP12 scaffolding functions suppress B16F10-induced peritoneal metastasis by attenuating CXCL9/10 secretion by resident fibroblasts"

17:15 ROUND TABLE DISCUSSIONS
Einstein Lounge
Until 18:30. Beverages may be purchased from the bar
This session enables participants and speakers to converse informally in smaller groups. Participants are free to ask any questions they like and to move freely between the tables of different speakers.

19:30 DRINKS RECEPTION & CONFERENCE DINNER
Join us for a drink in the Planck Lobby, followed by the Conference Dinner in Liebig Vault. This is an optional event with tickets limited to 110.

Wednesday 29th November 2017

08:00 POSTER PREVIEW
Meitner Salle
Coffee available

09:00 MEET THE EXPERT
Professor Janine Terra Erler will share from her personal perspective and experiences

09:30 SESSION 4: MODELLING METASTASIS
Chair: Jonathan Sleeman

09:30 **Bin-Zhi Qian**
University of Edinburgh, UK
"Macrophage heterogeneity in breast cancer bone metastasis"

10:00 EMBO KEYNOTE LECTURE
Erik Sahai
The Francis Crick Institute, UK
"Role of the microenvironment in cancer invasion and therapy response"

10:30 COFFEE BREAK
Meitner Salle

11:00 **Rachel Eyre**
University of Manchester, UK
Proffered Paper 6: "Targeting IL-1-Wnt signalling to prevent breast cancer colonisation in the bone microenvironment"

11:15 **Ulrike Stein**
MDC, Germany
"Preclinical mouse models for exploring and exploiting novel cancer metastasis biomarkers"

11:45 CLOSING KEYNOTE LECTURE
Andreas Trumpp
DKFZ, Germany

"Cellular and Molecular Deconvolution of Human Pancreatic and Breast Cancers"

12:30 CLOSING SUMMARY

Scientific Programme Committee

Poster Prizes and Meeting Bursaries will be presented

12:45 LUNCH AND DEPART

Planck Lobby