Scientific Meeting Programme

Wednesday June 5

10:00 Welcome

10:10 Keynote lecture

*Cellular Conversations that Control Cancer and Metastasis*  
Thea Tlsty, San Francisco  

10:50 - 12:55 Session 1: Genetic and epigenetic evolution during malignant progression  
Chair: Christoph Klein

- *Cellular pliancy and breast cancer genetics*  
  Alain Puisieux, Lyon  
  
- *Evolution of DNA methylation pattern in chronic lymphocytic leukemia*  
  Christoph Plass, Heidelberg  

- *Time to Event Networks: Time to Mutations, Time to Diagnosis and Time to Metastasis.*  
  Rainer Spang, Regensburg  
  
- *Studying cancer evolution by single cell analysis*  
  Jack Kuipers, Zürich  

- *Identification of metastatic founder cells by single cell phylogenies*  
  Manjusha Ghosh, Regensburg  

13:00 – 14:30 Lunch
14:30 - 16:20  **Session 2: Regulation of cellular plasticity**  
*Chair: Thomas Brabletz*

**Epigenetic influence of our (fatty) diet on metastasis-initiating cells**  
Salvador Aznar Benitah, Barcelona  
30

**Cellular plasticity in cancer: driving force and therapeutic target.**  
Thomas Brabletz, Erlangen  
30

**ncRNA and plasticity**  
Gunter Meister, Regensburg  
20

**Genome-wide cooperation of the EMT inducer ZEB1 with YAP and AP-1 factors**  
Nora Feldker, Erlangen  
15

**Role of RNA-binding proteins in translational control during tumor cell plasticity and metastatic colonization**  
Timan Heise, Regensburg  
15

16:30 - 18:45  **Poster presentation**

19:00  **Bavarian Dinner**

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**Thursday June 6**

9:00 - 11:00  **Session 3: Immune and niche-independent regulation of metastatic colonization (1)**  
*Chair: Johanna Ivaska*

**Cancer-matrix interactions in invasion and metastasis**  
Johanna Ivaska, Turku  
30

**Astrocyte-mediated Neuroinflammation Facilitates Melanoma Brain Metastasis**  
Neta Erez, Tel Aviv  
30

**Zeb1 expression in CAFs is regulating tumor progression**  
Marc Stemmler, Erlangen  
30

**Melanoma cells induce organ-specific immune responses in co-culture with human PBMCs and ex vivo lymph node and lung tissue**  
Susann Dehmel, Hannover  
15

11:00  **Group photo**

11:20 - 11:40  **Coffee Break**
11:40 - 12:50  Session 4: Immune and niche-independent regulation of metastatic colonization (2)
Chair: tba

Immune regulation of metastasis by bone marrow Aire expressing cells
Philipp Beckhove, Regensburg 20

Site specific NK and CD8 defense
Philipp Renner, Stuttgart 20

SPARCL1 is an angiocrine inhibitor of tumorigenesis in colorectal carcinoma
Elisabeth Naschberger, Erlangen 15

Regulation and function of pmCIC for cancer metastasis and colonization
Maria Mycielska, Regensburg 15

12:50 - 14:20  Lunch

14:20 - 16:30  Session 5: Co-adaptation of invaders and niche cells
Chair: tba

Stromal niche for bone metastasis
Yibin Kang, Princeton 30

Multimodal imaging strategies for bone metastasis
Tobias Bäuerle, Erlangen 30

Organ defense in brain metastasis
Tobias Pukrop, Regensburg 20

Cancer of Unknown Primary: Hypermetastatic cells without need for a niche?
Carla Boccaccio, Turin 30

Dissemination of genetically immature cancer cells: and then?
Melanie Werner-Klein, Regensburg 20

17:00 - 19:00  Guided city tour for speakers

19:30  Speakers Dinner
Friday June 7

9:00 Keynote lecture

*Role of adult stem cell niches and primed pluripotency programs in early DCC dormancy*
Julio Aguirre-Ghiso, New York 40

9:40 - 11:20 Session 6: Targeting early metastasis
Chair: tba

*Targeting minimal residual disease*
Christophe Marine, Leuven 30

*NK cells sustain breast cancer cell dormancy in the liver*
Anna Correia, Basel 30

*Molecular profiles of disseminated cancer cells isolated from bone marrow of breast cancer patients*
Christoph Irlbeck, Regensburg 15

*CYLD – a potential mediator of site-specific melanoma metastasis*
Mandy Schott, Erlangen 15

11:20 - 11:45 Coffee break

11:45 - 12:50 Session 7: Mechanisms of early colonization
Chair: tba

*Fitness fingerprints of human cells promote competitive growth in cancer*
Rajan Gogna, Lissabon 30

*Neuropeptides driving liver colonization*
Peter Dietrich, Erlangen 20

*Identification and characterization of metastasis founder cells in melanoma*
Courtney König, Regensburg 15

12:50 - 13:00 Concluding remarks

13:00 Speakers Lunch and farewell