

**Symposium FOR 2127**  
**“Selection and adaptation during metastatic cancer progression”**  
**June 5<sup>th</sup> – 7<sup>th</sup>, 2019**  
**Herzogssaal, Regensburg**

**Scientific Meeting Programme**

**Wednesday June 5**

<b>10:00</b>	<b>Welcome</b>	
<b>10:10</b>	<b>Keynote lecture</b>	
	<i>Cellular Conversations that Control Cancer and Metastasis</i> Thea Ilstyt, San Francisco	40
<b>10:50 - 12:55</b>	<b>Session 1: Genetic and epigenetic evolution during malignant progression</b> <i>Chair: Christoph Klein</i>	
	<i>Cellular pliancy and breast cancer genetics</i> Alain Puisieux, Lyon	30
	<i>Evolution of DNA methylation pattern in chronic lymphocytic leukemia</i> Christoph Plass, Heidelberg	30
	<i>Time to Event Networks: Time to Mutations, Time to Diagnosis and Time to Metastasis.</i> Rainer Spang, Regensburg	20
	<i>Studying cancer evolution by single cell analysis</i> Jack Kuipers, Zürich	30
	<i>Identification of metastatic founder cells by single cell phylogenies</i> Manjusha Ghosh, Regensburg	15
<b>13:00 – 14:30</b>	<b>Lunch</b>	

**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**

**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**

<b>11:40 - 12:50</b>	<b>Session 4: Immune and niche-independent regulation of metastatic colonization (2)</b>	
	<i>Chair: tba</i>	
	<i>Immune regulation of metastasis by bone marrow Aire expressing cells</i>	
	Philipp Beckhove, Regensburg	20
	<i>Site specific NK and CD8 defense</i>	20
	Philipp Renner, Stuttgart	
	<i>SPARCL1 is an angiocrine inhibitor of tumorigenesis in colorectal carcinoma</i>	
	Elisabeth Naschberger, Erlangen	15
	<i>Regulation and function of pmCiC for cancer metastasis and colonization</i>	
	Maria Mycielska, Regensburg	15
<b>12:50 - 14:20</b>	<b>Lunch</b>	
<b>14:20 - 16:30</b>	<b>Session 5: Co-adaptation of invaders and niche cells</b>	
	<i>Chair: tba</i>	
	<i>Stromal niche for bone metastasis</i>	30
	Yibin Kang, Princeton	
	<i>Multimodal imaging strategies for bone metastasis</i>	30
	Tobias Bäuerle, Erlangen	
	<i>Organ defense in brain metastasis</i>	20
	Tobias Pukrop, Regensburg	
	<i>Cancer of Unknown Primary: Hypermetastatic cells without need for a niche?</i>	30
	Carla Boccaccio, Turin	
	<i>Dissemination of genetically immature cancer cells: and then?</i>	20
	Melanie Werner-Klein, Regensburg	
<b>17:00 - 19:00</b>	<b>Guided city tour for speakers</b>	
<b>19:30</b>	<b>Speakers Dinner</b>	

## Friday June 7

<b>9:00</b>	<b>Keynote lecture</b>	
	<i>Role of adult stem cell niches and primed pluripotency programs in early DCC dormancy</i>	
	Julio Aguirre-Ghiso, New York	40
<b>9:40 - 11:20</b>	<b>Session 6: Targeting early metastasis</b>	
	<i>Chair: tba</i>	
	<i>Targeting minimal residual disease</i>	
	Christophe Marine, Leuven	30
	<i>NK cells sustain breast cancer cell dormancy in the liver</i>	
	Anna Correia, Basel	30
	<i>Molecular profiles of disseminated cancer cells isolated from bone marrow of breast cancer patients</i>	
	Christoph Irlbeck, Regensburg	15
	<i>CYLD – a potential mediator of site-specific melanoma metastasis</i>	
	Mandy Schott, Erlangen	15
<b>11:20 - 11:45</b>	<b>Coffee break</b>	
<b>11:45 - 12:50</b>	<b>Session 7: Mechanisms of early colonization</b>	
	<i>Chair: tba</i>	
	<i>Fitness fingerprints of human cells promote competitive growth in cancer</i>	
	Rajan Gogna, Lissabon	30
	<i>Neuropeptides driving liver colonization</i>	
	Peter Dietrich, Erlangen	20
	<i>Identification and characterization of metastasis founder cells in melanoma</i>	
	Courtney König, Regensburg	15
<b>12:50 - 13:00</b>	<b>Concluding remarks</b>	
<b>13:00</b>	<b>Speakers Lunch and farewell</b>	