P R O G R A M

Saturday, September 19, 2009

15:00 **Welcome and Introduction**

15:15 – 16:45 **Session 1**

ANGIOGENESIS AND TUMOR PROGRESSION
Discussion leader: Georg Breier

15:15 Reversing angiogenesis in solid tumors
Ruth Ganss, Perth

15:45 The class-3 semaphorins: Similarities, differences and possible use as anti-tumorigenic drugs
Gera Neufeld, Haifa

16:15 ***Blitz*** Proteolytic processing controls pro-angiogenic and pro-tumorigenic effects of Semaphorin 3G
Simone Kutschera, Heidelberg

16:30 ***Blitz*** Targeting tumor vessels by therapeutic vaccination
Anna-Karin Olsson, Uppsala

16:45 *Coffee Break*

17:15 – 18:45 **Session 2**

ANGIOGENESIS: EMERGING TARGETS
Discussion leader: Heike Beck

17:15 miR-132 acts as an angiogenic switch by suppressing endothelial 120RasGAP
David Cheresh, La Jolla

17:45 ***Blitz*** Identification of tumor dormancy specific microRNAs
Nava Almog, Boston

18:00 Using novel mouse genetic approaches to study signaling pathways in tumor angiogenesis
Gavin Thurston, Tarrytown

18:30 ***Blitz*** EphrinB2 regulates VEGFR trafficking to mediate tip cell filopodial extension during angiogenesis
Amparo Acker-Palmer, Frankfurt

19:00 *Dinner*

20:00 – 22:00 **Poster Session I (with wine and cheese)**

Sunday, September 20, 2009

8:30 –- 10:15	**Session 3**

CANCER MALIGNANCY
Discussion leader: Jonathan Sleeman

8:30 Inhibition of c-Met and VEGFR suppresses tumor invasion and metastasis and prolongs survival of RIP-TAG2 mice
Donald McDonald, San Francisco

9:00 Phenotypic switching and the anatomy of tumor progression
George Vande Woude, Grand Rapids

9:30 ***Blitz*** Molecular characterization of minimal residual cancer
Christoph Klein, Regensburg

9:45 Searching for origins of breast cancer malignancy in mice
Katrina Podsypanina, New York

10:15 *Coffee Break*

10:45 – 12:15	**Session 4**

INVASION & METASTASIS MEETS IMAGING
Discussion leader: Peter Friedl

10:45 Real-time imaging of tumor cell extravasation at the vascular interface reveals a highly dynamic process regulated by metastatic programming
Richard Klemke, La Jolla

11:15 ***Blitz*** Brain tumor imaging using a novel peptide targeting malignant brain tumors
Pirjo Laakkonen, Helsinki

11:30 ***Blitz*** The role of HIF hydoxylases in tumor progression and metastasis
Ben Wielockx, Dresden

11:45 The endogenous TLR4 ligands regulate pre-metastatic soil
Yoshiro Maru, Tokyo

12:15 *Lunch*

13:30 – 19:00	**Tumor-Vessel goes sailing**

19:00 *Dinner*

20:00 – 22:00	**Poster Session II (with wine and cheese)**

Monday, September 21, 2009

8:30 – 10:00	**Session 5**

EMT
Discussion leader: Peter Vajkoczy

8:30 Molecular dissection of epithelial-mesenchymal transition (EMT)
Gerhard Christofori, Basel

9:00 Tumor invasion and metastasis: EMT and cancer stem cells
Thomas Brabletz, Freiburg

9:30 Group Photo

10:00 *Coffee Break*

10:30 – 11:45	**Session 6**

STEM CELLS
Discussion leader: Frauke Alves

10:30 Wnt/β-catenin in stem and cancer stem cells
Walter Birchmeier, Berlin

11:00 ***Blitz*** A hypoxic niche regulates glioma stem cells
Till Acker, Giessen

11:15 The vascular wall as a source of stem cells in adult organs
Bruno Péault, Pittsburgh

12:00 *Lunch*

13:30 – 14:30	**Session 7**

BONE MARROW-DERIVED CELLS
Discussion leader: Bence Sipos

13:30 Bone marrow derived progenitor cells in angiogenesis and tumor growth
Petri Salven, Helsinki

14:00 Tumor-mediated education of bone marrow-derived cells in tumor angiogenesis and tumor progression
Curzio Rüegg, Epalinges

14:30 *Coffee Break*

15:00 – 16:15 **Session 8**

LYMPHANGIOGENESIS VERSUS ANGIOGENESIS
Discussion leader: Helmut Ponta

15:00 Interfering with growth factor crosstalk for angiogenesis vs lymphangiogenesis
Kari Alitalo, Helsinki

15:30 ***Blitz*** Vascular endothelial growth factor-C protects prostate cancer cells from oxidative stress by the activation of mTORC-2 and AKT-1
Michael Muders, Dresden

15:45 The tumor-lymphatic interface: CCL21 as an important player in invasion and immune escape
Melody Swartz, Lausanne

16:15 *Coffee Break*

16:45 – 18:30 **Session 9**

TUMOR MICROENVIRONMENT
Discussion leader: Véronique Orian-Rousseau

16:45 Exploring new strategies to target the pro-angiogenic tumor stroma
Kristian Pietras, Stockholm

17:15 ***Blitz*** Tenascin-C in the tumor microenvironment triggers oncogenic signalling
Gertraud Orend, Strasbourg

17:30 Diverse role of mesenchymal cells in cancer progression and metastasis
Raghu Kalluri, Boston

19:00 *Dinner*

20:00 – 22:00 **Poster Session I+II (with wine and cheese)**

Tuesday, September 22, 2009

8:30 – 10:00	**Session 10**

TUMOR SIGNALING
Discussion leader: Peter Huber

8:30 EphrinB reverse signaling contributes to endothelial and mural cell assembly into vascular structures
Giovanna Tosato, Bethesda

9:00 ***Blitz*** Compromised tumor angiogenesis and vessel maturation in mice with broad Junb ablation
Tobias Nübel, Heidelberg

9:15 The bone morphogenic protein antagonist Drm/gremlin as a novel pro-angiogenic factor
Marco Presta, Brescia

9:45 ***Blitz*** EGFR/Ras/ERK-signaling-dependent production of the chemokine CCL20 in tumor cells critically contributes to angiogenesis and tumor progression
Andreas Hippe, Duesseldorf

10:00 *Coffee Break*

10:30 – 11:30	**Session 11**

NOTCH SIGNALING
Discussion leader: Klaus Preissner

10:30 Notch signaling – new mechanisms and role in resistance to anti-VEGF therapy
Adrian Harris, Oxford

11:00 ***Blitz*** Decoding tumor-host interactions in dormancy: Notch3-mediated regulation of MKP-1 promotes tumor cell survival
Stefano Indraccolo, Padova

11:15 ***Blitz*** Two Notch ligands with opposing effects on angiogenesis
Ralf Adams, Muenster

End of meeting

12:00 *Lunch*

13:00 *Departure of shuttle buses*