

DFG Hinterzartener Kreis für Krebsforschung

**From Molecular Mechanisms
to Targeted Cancer Therapy**

April 26-29, 2012
Villa La Collina
Cadenabbia (Co), Italy



Program Committee

Cathrin Brisken, Lausanne (Chair)

Hartmut Döhner, Ulm

Clemens A. Schmitt, Berlin

Martin Schuler, Essen

Andreas Trumpp, Heidelberg

DFG

Thursday, April 26, 2012

Arrival until 3:30 p.m.

3:30 – 3:45 Welcome and Introduction
Eckard Picht, German Research Foundation
Cathrin Brisken, Chair of the Program Committee

Session I: Cellular Activities and Interactions in Tumors
Chair: Cathrin Brisken, Lausanne

3:45 – 4:00 Cathrin Brisken, Lausanne
Introduction

4:00 – 4:15 Christina Scheel, Cambridge (USA)
Paracrine and Autocrine Signals Induce and Maintain Mesenchymal
and Stem-Cell Traits in Breast Epithelial Cells

4:15 – 4:45 Philip Beachy, Stanford
Hedgehog, Regeneration and Malignancy in the
Mammalian Urinary Bladder

5:00 – 5:30 John S. Condeelis, Bronx
Tumor Microenvironments of Metastasis: Insights into Prognosis
and Treatment

5:45 – 6:00 Coffee Break

6:00 – 6:30 Robert A. Weinberg, Cambridge (USA)
Epithelial-Mesenchymal Transition and Stem Cells, Both Normal
and Neoplastic

6:45 – 7:15 Erik Sahai, London
Cancer Cell Invasion and the Tumor Microenvironment

7:30 p.m. Dinner

Friday, April 27, 2012

Session II: From Lung Cancer Genomics to Targeted Therapies
Chair: Martin Schuler, Essen

8:30 – 8:45 Martin Schuler, Essen
Introduction

8:45 – 9:00 Roman Thomas, Cologne
A Novel Genomics-Based Taxonomy of Lung Tumors

9:00 – 9:30 Neil Hayes, Chapel Hill
Morphologic, Molecular and Genomic Classification of Lung Cancer

9:45 – 10:15 William Pao, Nashville
Mechanisms of Sensitivity and Resistance to Kinase Inhibitors
in Lung Cancer

10:30 – 10:45 **Coffee Break**

10:45 – 11:15 Pasi A. Jänne, Boston
Therapeutic Strategies for EGFR Inhibitor Resistant Lung Cancer

11:30 – 12:00 Roy Herbst, New Haven
Lessons Learned from the BATTLE Trials: Personalized Therapy
for Advanced Non-small Cell Lung Cancer

12:15 – 1:45 **Lunch break**

1:45 – 4:30 **Sightseeing**

Friday, April 27, 2012

**Session III: From Hematological Cancer Genomics to
Targeted Therapies**

Chair: Hartmut Döhner, Ulm

4:45 – 5:00 Hartmut Döhner, Ulm
Introduction

5:00 – 5:20 Elli Papaemmanuil, Cambridge/United Kingdom
Molecular Characterization of Chronic Myeloid Neoplasms

5:30 – 6:00 Jan Korbel, Heidelberg
Studying Mechanisms of Genomic Rearrangement in Cancer
by Deep Sequencing

6:15 – 6:30 **Break**

6:30 – 7:00 Ross L. Levine, New York
Genetics and Targeted Therapy of Myeloid Malignancies

7:15 – 7:45 Heike Pahl, Freiburg
The Role of Transcription Factor NF-E2 in the Pathophysiology
of Myeloproliferative Disorders

8:00 p.m. Dinner

Saturday, April 28, 2012

Session IV: Exploiting Cancer Liabilities in Lymphoma and Beyond
Chair: Clemens A. Schmitt, Berlin

8:30 – 8:45 Clemens A. Schmitt, Berlin
Introduction

8:45 – 9:00 Johannes Zuber, Vienna
Advanced RNAi Screening Identifies Brd4 as a Therapeutic Target in AML

9:00 – 9:30 Riccardo Dalla-Favera, New York
Oncogenomics of Diffuse Large B-cell Lymphoma

9:45 – 10:15 Oliver Bischof, Paris
The Long Reach of Noncoding RNAs in Cellular Senescence

10:30 – 10:45 **Coffee Break**

10:45 – 11:15 Scott Lowe, New York
Identifying Tumor Suppressor & Tumor Maintenance Genes Using Mouse Models and RNA Interference

11:30 – 12:00 Klaus Rajewsky, Berlin
Modeling Epstein-Barr-Virus Immune Surveillance and Lymphomagenesis in Mice

12:15 – 1:45 **Lunch Break**

Saturday, April 28, 2012

Session V: Stem Cell Activity in Leukemias and Carcinomas
Chair: Andreas Trumpp, Heidelberg

2:00 – 2:15 Andreas Trumpp, Heidelberg
Introduction

2:15 – 2:30 Michael Milsom, Heidelberg
Pro-Inflammatory Cytokines as Extrinsic Regulators
of Hematopoietic Stem Cell Biology

2:30 – 3:00 Paolo Comoglio, Torino
The MET Oncogene: From Molecular Biology to Targeted Therapy

3:15 – 3:45 **Coffee Break with Cake**

3:45 – 4:15 Jane Visvader, Parkville Victoria
The Mammary Epithelial Hierarchy and its Regulation

4:30 – 5:00 Catriona Jamieson, La Jolla
Malignant Reprogramming on Myeloproliferative Neoplasms

5:30 – 7:00 **Meeting of the Program Committee**

8:00 p.m. **Candle Light-Dinner at the Villa**

Sunday, April 29, 2012

Departure after Breakfast

Venue of the Meeting:

Villa La Collina
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