

# DFG Hinterzartener Kreis für Krebsforschung

## From Molecular Mechanisms to Cancer Therapy

April 28<sup>th</sup> - May 1<sup>st</sup>, 2016  
Villa La Collina  
Cadenabbia (Co), Italy



### Program Committee

Anja Bosserhoff, Erlangen (Chair)  
Ursula Klingmüller, Heidelberg  
Martin Schuler, Essen  
Andreas Neubauer, Marburg  
Florian Greten, Frankfurt

DFG

**Thursday, April 28, 2016**

**Arrival until 2:30 p.m.**

**3:30 – 3:45      Welcome and Introduction**  
**Eckard Picht, German Research Foundation**  
**Anja Bosserhoff, Chair of the Program Committee**

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**Session I: Cross-entity comparison of cancer**  
**Chair: Anja Bosserhoff, Erlangen**

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**3:45 – 4:00** Anja Bosserhoff, University of Erlangen, Germany  
Introduction

**4:00 – 4:15** Jenny Landsberg, Uni Bonn, Bonn, Germany  
Role of inflammation-induced tumor cell plasticity for therapy  
resistance in melanoma

**4:15 – 4:45** Dafna Bar-Sagi, NYU School of Medicine, New York, USA  
Oncogenic Ras-dependent determinants of tumor fitness.

**5:00 – 5:15      Coffee Break**

**5:15 – 5:45** Elaine Mardis, Washington University, St. Louis, USA  
Genome-guided Cancer Therapy

**6:00 – 6:30** Discussion

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**7:00 p.m.      Dinner**

**Friday, April 29, 2016**

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**Session II: Context dependency of oncogenic signaling and therapy**  
**Chair: Martin Schuler, Essen**

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**8:30 – 8:45** Martin Schuler, West German Cancer Center, Essen, Germany  
Introduction

**8:45 – 9:00** Daniel Stange, Universitätsklinikum Carl Gustav Carus, Dresden, Germany  
Response Prediction using Cancer Organoids

**9:00 – 9:30** Eric Collisson, UCSF, San Francisco, USA  
SWI/SNF Mutations in Lung and Pancreatic Cancers

**9:45 – 10:30** **Coffee Break**

**10:45 – 11:15** Jens Siveke, Technische Universität München, Munich, Germany  
context and targeting strategies in ras-driven cancers

**11:30 – 12:00** Kwok-Kin Wong, Dana-Farber Cancer Institute, Boston, USA  
Determining sensitivity and resistance to novel and immune therapies with mouse models of lung cancer.

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**12:30 – 1:45** **Lunch break**

**1:45 – 4:15** **Free time, Individual Sightseeing\***

**Friday, April 29, 2016**

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**Session III: From stem cells to cancer therapy**  
**Chair: Andreas Neubauer, Marburg**

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**4:30 – 4:45** Andreas Neubauer, University of Marburg, Germany  
Introduction

**4:45 – 5:00** Jan Krönke, Universitätsklinikum Ulm, Germany  
Modulation of the CRBN E3 Ubiquitin Ligase by Lenalidomide

**5:00 – 5:30** Angelika Eggert, Charité, Berlin, Germany  
Precision medicine in pediatric oncology: model neuroblastoma

**5:45 – 6:00** **Coffee Break**

**6:00 – 6:30** Kristian Helin, Kobenhavns Universitet, Kobenhaven, Denmark  
Epigenetic Targets in Cancer

**6:45 – 7:15** Pier Paolo Pandolfi, Beth Israel Deaconess, Boston, USA  
The Non-Coding RNA Revolution in Biomedical Research

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**8:00 p.m.            Dinner**

**Saturday, April 30, 2016**

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**Session IV: Using systems-wide approaches for the development of personalized treatment options**

**Chair: Ursula Klingmüller, Heidelberg**

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**8:30 – 8:45** Ursula Klingmüller, DKFZ Heidelberg, Germany  
Introduction

**8:45 – 9:00** Jana Wolf, Max-Delbrück-Centrum für Molekulare Medizin, Berlin, Germany  
Analysing the wiring of NF- $\kappa$ B signalling using computational models

**9:00 – 9:30** Michael Boutros, Deutsches Krebsforschungszentrum, Heidelberg, Germany  
Mapping of genetic and chemico-genetic interactions

**9:45 – 10:30** **Coffee Break**

**10:45 – 11:15** Benjamin G. Neel, NYU School of Medicine, New York, USA  
Emergent vulnerabilities in breast cancer

**11:30 – 12:00** Pier Paolo Di Fiore, University of Milan, Italy  
Pre-clinical validation of a selective anti-cancer stem cell therapy for human breast cancers

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**12:15 – 1:45** **Lunch Break**

**Saturday, April 30, 2016**

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**Session V: Stem Cell Plasticity  
Chair: Florian Greten**

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**2:00 – 2:15** Florian Greten, University of Frankfurt, Germany  
Introduction

**2:15 – 2:30** Henner Farin, University of Frankfurt, Germany  
Mechanism of paracrine Wnt signaling in normal intestinal stem cells  
and colon cancer

**2:30 – 3:00** Cedric Blanpain, Université Libre de Bruxelles, Belgium  
Cancer Cell of Origin and Tumor Heterogeneity

**3:15 – 3:30** **Coffee Break with cake**

**3:30 – 4:00** Fred de Sauvage, Genentech, San Francisco, USA  
Targeting intestinal stem cells in cancer

**4:15 – 4:45** Michael Karin, University of California, San Diego, USA  
Environmental and immune factors controlling malignant conversion  
in liver cancer

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

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

**Sunday, May 1, 2016**

Departure after breakfast and light snack for lunch

**\*Sightseeing Suggestions**

Villa Carlotta - <http://www.villacarlotta.it/>

Bellagio - <http://www.lagodicomo.com/english/bellagio.php>

San Martino - <http://www.cadenabbiaadigriante.com/inglese/itinerari/09.asp>

**Venue of the Meeting:**

Villa La Collina  
Via Roma 11  
I-22011 Cadenabbia (Co)  
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[www.villalacollina.info](http://www.villalacollina.info)

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