

Hinterzartener Kreis der DFG für Krebsforschung

From Molecular Mechanisms to Cancer Therapy

May 10 - May 13, 2018
Villa La Collina
Cadenabbia (Co), Italy



Program Committee

Florian Greten, Frankfurt (Chair)
Andreas Neubauer, Marburg
Anja Bosserhoff, Erlangen
Florian Bassermann, München
Almut Schulze, Würzburg

Thursday, May 10, 2018

Arrival until 2:30 p.m.

3:30 – 3:45 Welcome and Introduction
Florian Greten, Chair of the Program Committee
Stefan Thiel, German Research Foundation

**Session I: Tumor Stroma Interaction Regeneration
versus Carcinogenesis"**

Chair: Florian Greten, Frankfurt

3:45 – 4:00 Florian Greten, Institute for Tumor Biology and Experimental
Therapy, Germany
Introduction

4:00 – 4:30 Thomas Tüting, University Hospital Magdeburg, Germany
*"The role of neutrophils in melanoma pathogenesis and resistance
to immunotherapy"*

4:30 – 4:45 Seth Coffelt, University of Glasgow, UK
"Understanding gamma delta T cell function in cancer"

4:45 – 5:00 Coffee Break

5:00 – 5:30 Sheila A. Stewart, Washington University USA
"Age-related stromal changes drive tumorigenesis"

5:30 – 6:00 Eran Elinav, Weizmann Institute of Science, Israel
"Host microbiome interactions in health and disease"

7:30 p.m. Dinner

Friday, May 11, 2018

Session II: Resistance in Immune Oncology
Chair: Andreas Neubauer, Marburg

9:00 – 9:15 Andreas Neubauer, University of Marburg, Germany
Introduction

9:15 – 9:45 Magdalena Huber, University of Marburg, Germany
“T cell subset plasticity and lung carcinogenesis”

9:45 – 10:00 Juliane Walz, University of Tübingen, Germany
“Towards clinical effective peptide-based immunotherapy for hematological malignancies - optimizing targets, time points and adjuvants”

10:00 – 10:30 Michael Jensen, Seattle Children's Research Institute, USA
“Identifying and overcoming obstacles to curative CAR T cell therapy for acute lymphoblastic leukemia”

10:30 – 11:00 **Coffee Break**

11:00 – 11:30 Thomas F. Gajewski, University of Chicago, USA
“Tumor and host factors controlling anti-tumor immunity and immunotherapy efficacy”

12:00 – 1:00 **Lunch break**

1:00 – 4:00 **Free time, Individual Sightseeing****

****Sightseeing Suggestions**

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

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

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

Friday, May 11, 2018

Session III: Non-coding RNAs and Cancer
Chair: Anja Bosserhoff, Erlangen

4:15 – 4:30 Anja Bosserhoff, University Erlangen-Nürnberg, Germany
Introduction

4:30 – 5:00 Maite Huarte, University of Navarra, Spain
“Long noncoding RNA as functional molecules in cancer pathways”

5:00 – 5:15 Eleonora Leucci, Katholieke Universiteit Leuven, Belgium
“LncRNAs in melanoma translational rewiring”

5:15 – 5:30 **Coffee Break**

5:30 – 6:00 Thomas Brabletz, University Erlangen-Nürnberg, Germany
“Cellular plasticity in cancer: driving force and therapeutic target”

6:00 – 6:30 Gunter Meister, Institute for Biochemistry Regensburg, Germany
“Regulation of gene expression by RNA-binding proteins and non-coding RNAs”

7:30 p.m. Dinner

Saturday, May 12, 2018

Session IV: Large-Scale Proteomic Approaches to Cancer Biology
Chair: Florian Bassermann, München

9:00 – 9:15 Florian Bassermann, University Hospital rechts der Isar, Germany
Introduction

9:15 – 9:45 Walter Kolch, University College Dublin, Ireland
“Improving cancer diagnosis and therapy by computational modelling”

9:45 – 10:00 Thomas Oellerich, National Cancer Institute, Bethesda, USA
“Functional Proteogenomics reveals mechanisms of response to targeted therapies”

10:00 – 10:15 **Coffee Break**

10:15 – 10:45 Bernhard Kuster, Technical University of Munich, Germany
“The Target Landscape of Clinical Kinase Drugs”

10:45 – 11:15 David E. Hill, Dana Farber Cancer Institute, Boston, USA
“Interactome Network Wiring and Rewiring in Cancer: Connecting Genotype to Phenotype”

12:00 – 1:45 **Lunch Break**

Saturday, May 12, 2018

Session V: Metabolic interactions in the tumor environment
Chair: Almut Schulze, Würzburg

2:00 – 2:15 Almut Schulze, University of Würzburg, Germany
Introduction
"Targeting Cancer Metabolism"

2:15 – 2:45 Jurre Kamphorst, University of Glasgow, UK
"A stromal lysolipid-autotaxin signalling axis promotes pancreatic tumour progression"

2:45 – 3:00 Barrie Peck, The Institute of Cancer Research, UK
"A functional genomics approach modelling the tumour microenvironment identifies novel tumour suppressor in solid tumours"

3:00 – 3:30 **Coffee Break with cake**

3:30 – 4:00 Linda Penn, Princess Margaret Cancer Research Tower, Canada
"Blocking the mevalonate pathway attenuates breast cancer metastasis by altering dolichol-dependent protein N-glycosylation"

4:00 – 4:30 Marina Kreutz, University Hospital Regensburg, Germany
"Metabolic immunomodulation in the tumor environment"

5:00 – 6:30 **Meeting of the Program Committee**

7:00 p.m. **Candle Light-Dinner at the Villa**

Sunday, May 13, 2018

Departure after breakfast and light snack for lunch

Venue of the Meeting:

Villa La Collina

Via Roma 11

22011 Cadenabbia (Co)

Italy

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www.villalacollina.info

****Sightseeing Suggestions**

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