

Hinterzartener Kreis der DFG für Krebsforschung Lake Como Cancer Meeting

From Molecular Mechanisms to Cancer Therapy

May 16th - May 19th, 2024, Villa La Collina
Cadenabbia (Co), Italy



Program Committee

Hubert Serve, Frankfurt (Chair)

Claudia Scholl, Heidelberg

Almut Schulze, Heidelberg

Marcus Conrad, München

Christian Reinhardt, Essen

Thursday, May 16th, 2024

Arrival until 2:30 p.m. in Cadenabbia, Italy

3:30 – 3:45 **Welcome and Introduction**
Hubert Serve, Chair of the Program Committee
Stefan Thiel, German Research Foundation

Session I: Exploiting Redox Vulnerabilities

Chair: Marcus Conrad

3:45 – 4:00 **Marcus Conrad**
Helmholtz Munich, Germany
Cellular Redox Systems

4:00 – 4:35 **Markus Müschen**
Yale Cancer Center, New Haven, USA
Mechanisms of B-cell dynamics and oncogenic signaling

4:35 – 5:10 **Thales Pappagiannakopoulos**
NYU School of Medicine, New York, USA
Metabolic and physiologic mechanisms of disease progression in cancer

5:10 – 5:40 **Coffee Break**

5:40 – 6:15 **Liron Bar-Peled**
Harvard Medical School Department of Medicine, Boston, USA
Identification of Druggable and Redox Vulnerabilities in Cancer

6:15 – 6:30 **Patricia Altea Manzano**
Universidad Pablo de Olavide, de Sevilla, Spain
Palmitate metabolism as a driver of metastasis formation

7:30 **Dinner**

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Friday, May 17th, 2024

Session II: Cancer evolution, heterogeneity and therapy resistance

Chair: Claudia Scholl

- 9:00 – 9:15 Claudia Scholl**
German Cancer Research Center (DKFZ), Heidelberg, Germany
Introduction
- 9:15 – 9:45 Yarden Samuels**
Weizmann Institute of Science, Rehovot, Israel
Revisiting the neoantigen approach for cancer immunotherapy
- 9:45 – 10:15 Trevor Graham**
The Institute of Cancer Research (ICR), London, UK
Lineage tracing in humans using fluctuating methylation
- 10:15 – 10:45 Coffee Break**
- 10:45 – 11:15 Nicholas McGranahan**
University College London (UCL) Cancer Institute, London, UK
Somatic evolution and the impact of cancer treatment
- 11:15–11:45 Michalina Janiszewska**
The Wertheim UF Scripps Institute for Biomedical Innovation & Technology, Florida, USA
Mapping tumor heterogeneity in brain cancer
- 12:00 – 1:00 Lunch break**
- 1:00 – 4:00 Free time, Individual Sightseeing**

Sightseeing suggestions:

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

Bellagio - <https://lakecomotravel.com/bellagio>

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

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Session III: Targeting Cancer Ecosystems

Chair: Almut Schulze

4:00 – 4:15 Almut Schulze

German Cancer Research Center (DKFZ), Heidelberg, Germany

Introduction

4:15 – 4:45 Craig Thompson

Memorial Sloan-Kettering Cancer Center, New York, USA

Rethinking the Tumor Microenvironment: Therapeutic Implications

4:45 – 5:15 Channing Der

University of North Carolina, School of Medicine, Chapel Hill, NC, USA

Targeting KRAS and ERK-MYC for cancer treatment

5:15 – 5:45 Coffee Break

5:45 – 6:15 Moshe Oren

Weizmann Institute, Department of Molecular Cell Biology, Rehovot, Israel

p53 loss in breast cancer cells modifies the tumor microenvironment by adipocyte reprogramming

6:15 – 6:45 Markus Diefenbacher

Helmholtz Munich, Comprehensive Pneumology Center, Germany

Rewiring of the ubiquitin system during oncogenic transformation

7:30 Dinner

Saturday, May 18th, 2024

Session IV: Immune cell signaling in cancer

Chair: Hubert Serve

9:00 – 9:15 Hubert Serve

University Hospital Frankfurt; Goethe University Frankfurt, Germany

Introduction

9:15 – 9:45 Daniel Hodson

Wellcome Trust – Medical Research Council, Cambridge, UK

Deciphering the Genomics of DLBCL

9:45 – 10:15 Benoit van den Eynde

de Duve Institute, Brussels, Belgium

Targeting the alpha2-adrenergic receptor for cancer immunotherapy

10:15 – 10:45 Coffee Break

10:45 – 11:15 Klaus Rajewski

Max Delbrück Center for Molecular Medicine; Berlin, Germany

Studying Epstein-Barr-Virus induced pathologies and immune surveillance

11:15 – 11:45 Sebastian Scheich

University Hospital Frankfurt; Goethe University Frankfurt, Germany

Targeting glycosylation in aggressive lymphoma

12:00 – 1:45 Lunch Break

Session V: Cancer Neuro Science
Chair: Christian Reinhardt

- 2:00 – 2:15** **Christian Reinhardt**
University Hospital Essen, Germany
Introduction to the cancer neuro science session
- 2:15 – 2:45** **Sébastien Talbot**
Queen’s University, Kingston, Canada
Nociceptor neurons impact cancer immunosurveillance
- 2:45 – 3:15** **Julien Sage**
Stanford University, California, USA
Targeting heterogeneity in small cell lung cancer
- 3:15 – 3:45** **Coffee Break**
- 3:45 – 4:15** **Frank Winkler**
German Cancer Research Center (DKFZ), Heidelberg, Germany
Cancer Neuroscience of brain tumors: from malignant networks and how to disconnect them
- 4:15 – 4:45** **Varun Venkataramani**
University Hospital Heidelberg, Germany
Characterizing and targeting neuron-tumor networks with retrograde tracing
- 5:00 – 6:30** **Meeting of the Program Committee**
- 7:00** **Dinner at the Villa**
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Sunday, May 19th, 2024

Departure after breakfast and light snack for lunch

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Additional information

Venue of the Meeting:

Villa La Collina

Via Roma 11

22011 Cadenabbia (Co) / Italy

Tel.: +39-344 441 11, Fax: +39-344 410 58

www.villalacollina.info

Sightseeing Suggestions

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

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Contact Information at the German Research Foundation:

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