

# Hinterzartener Kreis der DFG für Krebsforschung

## From Molecular Mechanisms to Cancer Therapy

May 11 – May 14 2023  
Villa La Collina  
Cadenabbia (Co), Italy



### **Program Committee:**

Claudia Scholl, Heidelberg (Chair)  
Almut Schulze, Heidelberg  
Hubert Serve, Frankfurt  
Florian Bassermann, München  
Marcus Conrad, München

DFG

## Thursday, May 11<sup>th</sup> 2023

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

**3:30 – 3:45 Welcome and Introduction**

Claudia Scholl, Chair of the Program Committee  
Stefan Thiel, German Research Foundation

---

### **Session I: Roles of RNA in cancer**

**Chair: Claudia Scholl, Heidelberg**

---

**3:45 – 4:00** Claudia Scholl, German Cancer Research Center, Germany  
*Introduction*

**4:00 – 4:30** Michael Kharas, Memorial Sloan Kettering Cancer Center, USA  
*Regulators of RNA and cancer cell fate*

**4:30 – 5:00** Michaela Frye, German Cancer Research Center, Germany  
*Targeting RNA modifications in cancer*

**5:00 – 5:15 Coffee break**

**5:15 – 5:30** Sandra Blanco, University of Salamanca, Spain  
*Targeting tRNA methyltransferases in cancer*

**5:30 – 6:00** Adrian Krainer, Cold Spring Harbor Laboratory, USA  
*TBA*

---

**7:30 p.m. Dinner**

**Friday, May 12<sup>th</sup> 2023**

---

**Session II: New concepts of carcinogenesis**

**Chair: Almut Schulze, Heidelberg**

---

**9:00 – 9:15**      Almut Schulze, German Cancer Research Center, Germany  
*Introduction*

**9:15 – 9:45**      Lydia Finley, Memorial Sloan Kettering Cancer Center, USA  
*Identifying cell-state specific metabolic dependencies*

**9:45 – 10:15**      Florian Greten, University of Frankfurt, Germany  
*IL-1 in CRC*

**10:15 – 10:30**      **Coffee break**

**10:30 – 11:00**      Silvia von Karstedt, University of Cologne, Germany  
*TBA*

**11:00 – 11:30**      Carol Prives, Columbia University, USA  
*TBA*

---

**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>

---

## Session III: Membrane dynamics and gene regulation in cancer

Chair: Hubert Serve, Frankfurt

---

**4:15 – 4:30** Hubert Serve, University of Frankfurt, Germany  
*Introduction*

**4:30 – 5:00** Raghu Kalluri, University of Texas, USA  
*TBA*

**5:00 – 5:15** Elisabeth Heßmann, University of Göttingen, Germany  
*Subtype-specific genome dynamics and their therapeutic implication in pancreatic cancer*

**5:15 – 5:30** **Coffee break**

**5:30 – 6:00** Dafna Bar-Sagi, New York University, USA  
*Function and Regulation of Protein Scavenging in Mutant Ras Tumors*

**6:00 – 6:30** Michael Karin, University of California San Diego, USA  
*Control of pancreatic cancer metabolism by collagen fibers and macropinocytosis*

---

**19:30** **Dinner**

**Saturday, May 13<sup>th</sup> 2023**

---

**Session IV: Ubiquitin and cancer**

**Chair: Florian Bassermann, München**

---

**9:00 – 9:15**      Florian Bassermann, Technical University of Munich, Germany  
*Introduction*

**9:15 – 09:45**      Eric Fischer, Harvard University, USA  
*Molecular Mechanisms of Ubiquitin Ligases: From Structures to Therapies*

**9:45 – 10:00**      Sonja Lorenz, Max Planck Institute Göttingen, Germany  
*TBA*

**10:00 – 10:15**      **Coffee break**

**10:15 – 10:45**      Henning Walczak, University of Köln, Germany  
*Cell death and ubiquitin in inflammation and cancer*

**10:45 – 11:15**      Vincenzo D'Angiolella, University of Oxford, England  
*E3 ubiquitin ligases controlling cancer pathogenesis and response to radio-therapy*

---

**12:00 – 1:00**      **Lunch break**

---

## Session V: Vulnerabilities of cancer toward ferroptosis

Chair: Marcus Conrad, München

---

- 2:00 – 2:15      Marcus Conrad, Helmholtz Center Munich, Germany  
*Introduction*
- 2:15 – 2:45      Thomas Brabletz, University of Erlangen-Nürnberg, Germany  
*EMT and cell plasticity in cancer - driving force and therapeutic target*
- 2:45 – 3:00      Jessalyn Ubellacker, Harvard University Cambridge, USA  
*Sensitizing cancer cells in lymph nodes to ferroptosis*
- 3:00 – 3:30      Coffee break**
- 3:30 – 4:00      Raphaël Rodriguez, Institut Curie Paris, France  
*Chemical control of cell plasticity*
- 4:00 – 4:30      Kivanç Birsoy, Rockefeller University New York, USA  
*Deciphering the role of oxidative metabolism in cancer*
- 
- 4:30 – 6:00      Meeting of the Program Committee**
- 7:00 p.m.      Dinner at the Villa**

**Sunday, May 14<sup>th</sup> 2023**

Departure after breakfast and light snack for lunch

---

### **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](http://www.villalacollina.info)

#### **Contact Information of the organizing committee:**

Deutsche Forschungsgemeinschaft e.V.  
Hinterzartener Kreis für Krebsforschung  
Kennedyallee 40  
53175 Bonn/Germany

c/o Lhamo Schütter  
Tel.: +49-228 885 2826  
Fax.: +49-228 885 713320  
lhamo.schuetter@dfg.de

c/o Stefan Thiel  
Tel.: +49-228 885 2977  
Fax: +49-228 885 2777  
stefan.thiel@dfg.de

Claudia Scholl  
German Cancer Research Center  
Division of Applied Functional Genomics  
Im Neuenheimer Feld 581  
69120 Heidelberg  
Tel: +49 6221 42-1636  
Mobile: +49 1705278614  
claudia.scholl@nct-heidelberg.de

Tara Buschle  
German Cancer Research Center  
Division of Applied Functional Genomics  
Im Neuenheimer Feld 581  
69120 Heidelberg  
Tel: +49 6221 42-1633  
Mobile: +49 1775460070  
tara.buschle@nct-heidelberg.de

