



50 Years – Research for
A Life Without Cancer

CURRENT RESEARCH IN CANCER PREVENTION

In Germany, each year about 480.000 people are diagnosed with cancer, and 230.000 people die of cancer. According to estimates, more than half of this cancer burden could be prevented by systematic efforts to reduce lifestyle and environmental risk factors, by establishing vaccination and immunoprevention strategies, and by expanding early detection and screening approaches. At this workshop, invited researchers based at or affiliated with the DKFZ will introduce their work and current projects in the field of cancer prevention. Thus, the workshop will provide a broad overview over the diverse activities in cancer prevention research within the different DKFZ research programs. Beyond that, the workshop is meant to be a networking platform for researchers to identify ties and common interests and to initiate collaborations in cancer prevention research across the different research programs.



SPEAKERS

- Hermann BRENNER
- Jenny CHANG-CLAUDE
- Mahdi FALLAH
- Ute HAMANN
- Mathias HEIKENWÄLDER
- Kari HEMMINKI
- Michael HOFFMEISTER
- Rudolf KAAKS
- Frank LYKO
- Ute MONS
- Martin MÜLLER
- Michael PAWLITA
- Angelika RIEMER
- Heinz-Peter SCHLEMMER
- Ben SCHÖTTKER
- Evelin SCHRÖCK
- Karen STEINDORF
- Holger SÜLTSMANN
- Renée TURZANSKI-FORTNER
- Magnus VON KNEBEL DOEBERITZ
- Harald ZUR HAUSEN

VENUE ADDRESS

German Cancer Research Center (DKFZ)
Communication Center
Seminar Room K1/K2 and Lecture Hall
Im Neuenheimer Feld 280
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ORGANIZERS

Ute Mons, DKFZ
Karen Steindorf, DKFZ
and the DKFZ Management Board

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Workshop
**Current Research in
Cancer Prevention**

Monday, July 11, 2016, 9:00 am to 6:00 pm
German Cancer Research Center (DKFZ)

9:00 Welcome and Introduction
[Michael Boutros](#), [Karen Steindorf](#), [Ute Mons](#)

PRIMARY PREVENTION

9:15 **Session 1**
**Determinants of Cancer Risk:
The Pervasive Dangers and Chances**
Chair: Karen Steindorf

[Rudolf Kaaks & Renée Turzanski-Fortner](#)
Lifestyle, metabolic risk factors and chronic disease risk – findings from prospective cohort studies

[Ben Schöttker](#)

Primary prevention across the lifespan: The ESTHER cohort and the CHANCES consortium

[Mathias Heikenwälder](#)

Mechanisms of viral and non-alcoholic steato-hepatitis induced liver cancer development

[Ute Mons](#)

Evaluation of tobacco control and its role in cancer prevention

Panel Discussion

10:30 Coffee Break

11:00 **Session 2**
Genetic Predisposition: It Runs in the Family
Chair: Hermann Brenner

[Kari Hemminki](#)

Prevention of familial cancer

[Ute Hamann](#)

Hereditary breast cancer: Risk assessment and prevention

[Evelin Schröck](#)

Familial cancer syndromes – Next generation sequencing for improving diagnostics, prevention and therapy

[Mahdi Fallah](#)

Risk-adapted cancer prevention based on family history: Prostate cancer as an example

Panel Discussion including [Dr. Christa Maar](#)

12:00 Lunch Break (on your own)

13:00 **Session 3**
**Immunoprevention:
Protection is the Best Form of Defense**
Chair: Angelika Riemer

[Martin Müller](#)

Thermostable broadly-protective HPV vaccine: Final steps of pre-clinical development?

[Angelika Riemer](#)

Development of a therapeutic HPV vaccine via target epitope identification by mass spectrometry

[Magnus von Knebel Doeberitz](#)

Vaccines against microsatellite unstable cancer

Panel Discussion

SECONDARY PREVENTION

13:45 **Session 4**
**Early Detection:
A Thorough Look May Save Your Life**
Chair: Michael Hoffmeister

[Hermann Brenner](#)

Effective colorectal cancer screening: The DACHS, BLITZ, KolosSal, ASTER, IDA, RAPS, SAMS, GEKKO, and DARIO studies and the GECCO consortium

[Rudolf Kaaks](#)

Prospective studies on the evaluation of novel cancer screening methods

[Michael Pawlita](#)

Diagnostic markers for secondary prevention of infection-associated cancers

[Frank Lyko](#)

Identification of epigenetic biomarkers for risk stratification of colorectal polyps

[Holger Sültmann](#)

Opportunities and limitations of early cancer detection using liquid biopsies

[Heinz-Peter Schlemmer](#)

Secondary prevention of tumor diseases with imaging methods

Panel Discussion

15:15 Coffee Break

TERTIARY PREVENTION

15:45 **Session 5**
**Living with Cancer:
Strategies to Improve Outcomes**
Chair: Ute Mons

[Michael Hoffmeister](#)

Improving long-term outcomes of colorectal cancer patients: The DACHS study and the IMPACT and ISACC consortia

[Jenny Chang-Claude](#)

Assessment of modifiable life-style factors that impact breast cancer prognosis – a prospective patient cohort

[Karen Steindorf](#)

Randomized trials and epidemiologic studies on the positive effects of physical activity and exercise for cancer patients

Panel Discussion

16:30 Wrap-Up
[Ute Mons](#), [Karen Steindorf](#)

17:00 **KEYNOTE LECTURE** (*Lecture Hall*)
[Harald zur Hausen](#)
Infektiöse Faktoren bei Darm- und Brustkrebs?

18:00 Get-together