

Agenda

Friday, October 30, 2015

Session 5: Personalized therapy for colorectal cancer

2:00 pm to 3:30 pm

- › Cancer mutations and targeted therapies
Giovanni Germano, Torino
- › Clinical implementation of cancer genome sequencing: NCT MASTER Molecular Stratification Registry Trial
Hanno Glimm, Heidelberg
- › How to bundle and interpret OMICs-data for application in clinical medicine
Benedikt Brors, Heidelberg
- › Genetic traits predicting the efficacy of antiangiogenic therapy
Diether Lambrechts, Leuven
- › Translating tumor biology into targeted cancer therapy: feedback from clinical trials
Thomas Seufferlein, Ulm

Session 6: Interdisciplinary treatment of metastatic colorectal cancer

4:00 pm to 5:30 pm

- › Surgical approaches for bilateral colorectal liver metastases
Jürgen Weitz, Dresden
- › Peritonectomy and HIPEC for peritoneal colorectal cancer spread
Alexis Ulrich, Heidelberg
- › Interventional radiology for ablation of colorectal liver metastases
Boris Radeleff, Heidelberg
- › Neoadjuvant therapy for colorectal liver metastases
Niels Halama, Heidelberg
- › Palliative treatment of metastatic colorectal cancer: recent clinical trials
Henning Schulze-Bergkamen, Wesel

DKFZ

Im Neuenheimer Feld 280
69120 Heidelberg



By Car:

Take Autobahn A 656 to Heidelberg, in Heidelberg continue on Bundesstraße B 37 to „Universitätsklinikum/Neuenheimer Feld“. Having crossed the Neckar River, turn left at the first traffic lights into „Jahnstraße“, then turn right into „Im Neuenheimer Feld“. Follow this street for about 100 meters, then turn left into Kirschnerstraße and pass the check-point. After another 200 m, you find the DKFZ building on the right. Please use parking area P 22 between „Berliner Straße“ and „Im Neuenheimer Feld“.

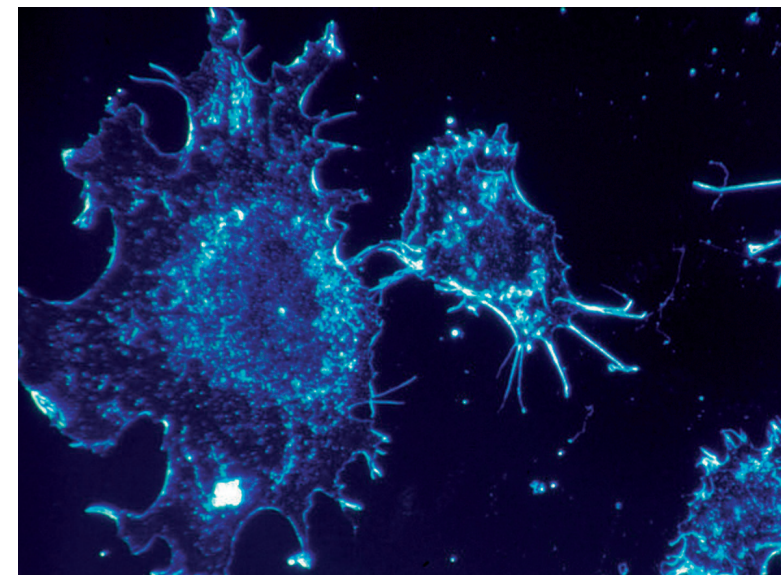
By public transport:

Tramways no. 21 (terminus „OEG-Bahnhof“) or 24 (terminus „Burgstraße“). Get off at stop „Jahnstraße“. Cross the street to the left and walk into „Jahnstraße“. Continue as previously described (5 mins. walk approx.).

Buses no. 31 or 34. Get off at stop „Chirurgische Klinik“ or „Uni-Campus“.



Heidelberg University Hospital



INTERNATIONAL SYMPOSIUM ON METASTATIC COLORECTAL CANCER

TRANSLATING BASIC RESEARCH INTO
CLINICAL PRACTICE

October 29-30, 2015

Heidelberg, German Cancer Research Center (DKFZ)

KFO 227
UniversitätsKlinikum Heidelberg

DFG Deutsche
Forschungsgemeinschaft

Metastatic disease remains a serious obstacle in colorectal cancer treatment. On the other hand, boosted by the advent of novel technologies, the recent years have seen major breakthroughs in our scientific understanding on how genetic alterations, molecular signatures and immune responses affect patterns of metastatic spread. While these insights clearly provide a scientific basis to advance the treatment of this widespread disease, translating them into clinical practice remains a formidable task, necessitating close interaction between basic scientists, translational researchers and clinical oncologists.

The International Symposium on Metastatic Colorectal Cancer will bring together high-profile experts and junior researchers from the fields of basic science, translational oncology and clinical oncology to discuss mechanisms behind metastatic colorectal cancer spread, as well as novel therapeutic options to be derived therefrom. Particular focus will be placed on molecular mechanisms of tumor spread, biomarkers indicating colorectal cancer progression, innovative therapeutic targets, and interdisciplinary approaches for personalized treatment.

We cordially invite you to join us in the beautiful city of Heidelberg for an inspiring meeting, and to discuss how to translate current basic research insights into novel treatment options for metastatic colorectal cancer.



Prof. Dr. Markus W. Büchler



Prof. Dr. Alexis Ulrich, MBA



Prof. Dr. Martin Schneider

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Session 1: Basic mechanisms of tumor initiation and metastatic spread

2:00 pm to 3:30 pm

- › Molecular mechanisms of stem cell specification
Eduard Batlle, Barcelona
- › Epithelial to mesenchymal transition
Thomas Brabletz, Erlangen
- › Clonal dynamics in gastrointestinal cancers
Claudia Ball, Heidelberg
- › Significance of the tumor microenvironment
Florian Greten, Frankfurt
- › Minimal residual disease in colorectal cancer
Sebastian Schölch, Dresden

- coffee break -

Session 2: Prevention and biomarkers

4:00 pm to 5:30 pm

- › Primary prevention of colorectal cancer
Cornelia Ulrich, Salt Lake City
- › Chemoprevention in Lynch Syndrome
John Burn, Newcastle
- › Molecular tests for colorectal cancer screening
Gerrit Meijer, Amsterdam
- › Plasma microRNA screening for colorectal cancer
Susan Galandiuk, Louisville
- › Diagnostic potential of the gut microbiome as a biomarker for colorectal cancer
Peer Bork, Heidelberg



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Session 3: Novel therapeutic targets in metastatic colorectal cancer

9:00 am to 10:30 am

- › Targeting solid tumor stem cells in colorectal cancer
Ruggero de Maria, Rome
- › Significance of tumor-associated macrophages
Massimiliano Mazzone, Leuven
- › Significance of tumor-associated B-cells
Michael von Bergwelt-Baildon, Köln
- › Role of anti-apoptotic Bcl-2 proteins in CRC progression
Bruno Köhler, Heidelberg
- › Targeting of hypoxic pathways
Martin Schneider, Heidelberg

- coffee break -

Session 4: Immunotherapy for colorectal cancer

11:00 am to 12:30 pm

- › Clinical significance of the immunologic microenvironment
Niels Halama, Heidelberg
- › The immune biology of hereditary colorectal cancer
Matthias Kloor, Heidelberg
- › Therapeutic potential of T-cell responses
Philipp Beckhove, Regensburg
- › Therapeutic vaccination of cancer patients
Pedro Romero, Lausanne
- › Towards a vaccine against microsatellite-unstable colorectal cancer
Magnus von Knebel Doeberitz, Heidelberg

- lunch and poster viewing -

