INTERNATIONAL SYMPOSIUM ON METASTATIC COLORECTAL CANCER
Translating Basic Research into Clinical Practice

October 29-30, 2015
Heidelberg, German Cancer Research Center (DKFZ)
Greeting

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.

Markus W. Büchler
Alexis Ulrich
Martin Schneider
AGENDA

Thursday, October 29, 2015

12:00 pm  Registration
    Coffee + Opening Buffet

1:45 pm  Welcome and Opening Remarks
    Alexis Ulrich, Martin Schneider
    Heidelberg, Germany

2:00 pm to 3:30 pm – Session 1
    Basic mechanisms of tumor initiation and metastatic spread
    Chairs:
    Claudia Ball, Heidelberg
    Thomas Brabletz, Erlangen

    › A stromal gene program that drives metastasis in colorectal cancer
      Eduard Batlle, Barcelona, Spain

    › Epithelial to mesenchymal transition
      Thomas Brabletz, Erlangen, Germany

    › Clonal dynamics in gastrointestinal cancers
      Claudia Ball, Heidelberg, Germany

    › Significance of the tumor microenvironment
      Florian Greten, Frankfurt, Germany

    › Minimal residual disease in colorectal cancer
      Sebastian Schölch, Dresden, Germany

3:30 pm to 4:00 pm – Coffee Break

4:00 pm to 5:30 pm – Session 2
    Prevention and biomarkers
    Chairs:
    Susan Galandiuk, Louisville
    Cornelia Ulrich, Salt Lake City

    › Primary prevention of colorectal cancer
      Cornelia Ulrich, Salt Lake City, USA

    › Chemoprevention in Lynch Syndrome
      John Burn, Newcastle, United Kingdom

    › Molecular tests for colorectal cancer screening
      Gerrit Meijer, Amsterdam, The Netherlands

    › Plasma microRNA screening for colorectal cancer
      Susan Galandiuk, Louisville, USA

    › Diagnostic potential of the gut microbiome as a biomarker for colorectal cancer
      Peer Bork, Heidelberg, Germany
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Friday, October 30, 2015

8:30 am  Coffee

9:00 am to 10:30 am – Session 3
Novel therapeutic targets in metastatic colorectal cancer
Chairs:
Max Mazzone, Leuven
Martin Schneider, Heidelberg

› Targeting solid tumor stem cells in colorectal cancer
  Ruggero de Maria, Rome, Italy

› Targeting PHD (prolyl hydroxylase domain) proteins in CRC
  Massimiliano Mazzone, Leuven, Belgium

› Significance of tumor-associated B-cells
  Michael von Bergwelt-Baildon, Köln, Germany

› Role of anti-apoptotic Bcl-2 proteins in CRC progression
  Bruno Köhler, Heidelberg, Germany

› Targeting of hypoxic pathways
  Martin Schneider, Heidelberg, Germany

10:30 am to 11:00 am – Coffee Break

11:00 am to 12:30 pm – Session 4
Immunotherapy for colorectal cancer
Chairs:
Matthias Kloor, Heidelberg
Pedro Romero, Lausanne

› Clinical significance of the immunologic microenvironment
  Niels Halama, Heidelberg, Germany

› The immune biology of hereditary colorectal cancer
  Matthias Kloor, Heidelberg, Germany

› Therapeutic potential of T-cell responses
  Philipp Beckhove, Regensburg, Germany

› Therapeutic vaccination of cancer patients
  Pedro Romero, Lausanne, Switzerland

› Towards a vaccine against microsatellite-unstable colorectal cancer
  Magnus von Knebel Doeberitz, Heidelberg, Germany

12:30 pm to 2:00 pm – Lunch and Poster Viewing

Location:  Foyer, DKFZ
AGENDA

Friday, October 30, 2015

2:00 pm to 3:30 pm – Session 5
Personalized therapy for colorectal cancer
Chairs:
Hanno Glimm, Heidelberg
Thomas Seufferlein, Ulm

› Cancer mutations and targeted therapies
  Giovanni Germano, Torino, Italy

› Clinical implementation of cancer genome sequencing: NCT MASTER Molecular Stratification Registry Trial
  Hanno Glimm, Heidelberg, Germany

› How to bundle and interpret OMICS-data for application in clinical medicine
  Benedikt Brors, Heidelberg, Germany

› Genetic traits predicting the efficacy of antiangiogenic therapy
  Diether Lambrechts, Leuven, Belgium

› Translating tumor biology into targeted cancer therapy: feedback from clinical trials
  Thomas Seufferlein, Ulm, Germany

3:30 pm to 4:00 pm – Coffee Break

4:00 am to 5:30 pm – Session 6
Interdisciplinary treatment of metastatic colorectal cancer
Chairs:
Jörg Pelz, Würzburg
Jürgen Weitz, Dresden

› Surgical approaches for bilateral colorectal liver metastases
  Jürgen Weitz, Dresden, Germany

› Peritonectomy and HIPEC for peritoneal colorectal cancer spread
  Alexis Ulrich, Heidelberg, Germany

› Interventional radiology for ablation of colorectal liver metastases
  Boris Radeleff, Heidelberg, Germany

› Neoadjuvant therapy for colorectal liver metastases
  Niels Halama, Heidelberg, Germany

› Palliative treatment of metastatic colorectal cancer: recent clinical trials
  Henning Schulze-Bergkamen, Wesel, Germany
SCIENTIFIC ORGANIZATION

Department of Surgery
General, Visceral and Transplantation Surgery
Heidelberg University Hospital

Clinical Research Unit 227 (KFO 227) – Colorectal cancer: from primary tumor progression towards metastases

Alexis Ulrich
Martin Schneider

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CHAIR AND SPEAKERS

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Oncology – Colorectal cancer laboratory
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HOW TO GET TO THE DKFZ

By Car:
Take Autobahn A 656 to Heidelberg, in Heidelberg continue on Bundesstraße B 37 to Universitätssklinikum/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 checkpoint. 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“.

WE ARE INDEBTED FOLLOWING COMPANIES FOR FINANCIAL SUPPORT:

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**Sanofi**

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