



## Charité Comprehensive Cancer Center

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### CCCC-/DKTK-Workshop

#### *Liquid Biopsy*

- *Translational Research and Clinical Implications/Applications* -

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**30.10.2014, 14:30 – 18:00 hrs**

**Charité Comprehensive Cancer Center**  
**Conference Room, Level 3**  
**Virchowweg 23 / Invalidenstraße 80**  
**Campus Charité Mitte**

**Chair:**

Christine Sers

*Head of group Tumor Systems Biology*

*Vice Head of group Molecular Tumor Pathology*

Ulrich Keilholz

*Acting Director of the Charité Comprehensive Cancer Center*

**14:30 – 14:40**

**Welcome and Introduction**

Christine Sers

**14:40 – 15:10**

**CTC Research: Lessons from colorectal cancer and melanoma**

Ulrich Keilholz

**15:10 – 15:40**

**CTC Research: Lessons from head and neck cancer**

Ingeborg Tinhofer-Keilholz

*Department of Radiation Oncology and Radiotherapy, CCM*

- 15:40 – 16:10**            **Exosomes and other types of extracellular vesicles as a source for tumor biomarkers**  
Irina Nazarenko  
*Environmental Health Sciences and Hospital Infection Control,  
Universitätsklinikum Freiburg*
- 16:10 – 16:25**            **Exosomal microRNAs as potential biomarkers for resistance to radiochemotherapy in head and neck carcinoma**  
Anne-Katrin Heß  
*Department of Radiation Oncology and Radiotherapy, CCM*
- 16:25 – 16:40*            *Coffee break*
- 16:40 – 17:10**            **Circulating nucleic acids for tumor diagnosis and monitoring**  
Holger Sültmann  
*Research Functional and Structural Genomics  
Group Cancer Genome Research, DKFZ*
- 17:10 – 17:40**            **Liquid biopsies in urological tumors: From circulating microRNAs to circulating tumor cells**  
Annika Fendler  
*Signal Transduction in Development and Cancer, MDC*  
Jonas Busch  
*Clinic for Urology, CCM*
- 17:40 – 18:00**            **Final discussion**  
**Proposals for new interdisciplinary projects**