



International Conference GRK 1739
DNA DAMAGE AND BEYOND:
From molecular mechanisms to innovative
concepts in the treatment of cancer

25-26 October 2019
Essen, Germany

Friday 25.10.2019

14:30 Welcome with coffee and tea

15:00 Introduction GRK 1657 Darmstadt and GRK 1739 Essen

15:30 Young Investigator Session: Meet the Expert with all speakers
Until 16:30

16:45 YOUNG INVESTIGATOR LECTURE

Julian Stingele, University München

DNA-protein crosslinks: endogenous origins and cellular responses

17:30 KEYNOTE ADDRESS

Marc Dewhirst, Duke University, Durham

Mechanisms underlying tumor hypoxia development and a new perspective on how to eliminate it in the context of targeted therapies

Until 18:15

19:00 Dinner Restaurant Hülsmannshof

Saturday 26.10.2019

09:00 Poster viewing

09:30 KEYNOTE ADDRESS

Harald Paganetti, Massachusetts General Hospital, Boston

Generic and personalized biological treatment optimization in proton therapy

10:15 INVITED TALK

Fijs van Leeuwen, University Medical Center, Leiden

Image guided surgery - transitioning from morphological imaging to the imaging of molecular targets

10:45 *Coffee break*

11:15 INVITED TALK

Peter van Luijk, University of Groningen

Novel approaches to normal tissue sparing: target cell localization and organ interactions

11:45 INVITED TALK

Elisabeth Martinez, UT Southwestern Medical Center Dallas

Cross talk between DNA repair and histone methylation pathways: new therapeutic opportunities

12:15 **Proffered Paper 1**

selected from abstracts



12:45 *Lunch and **Poster Discussion Session***

14:30 INVITED TALK

Holger Sültman, DKFZ and NCT Heidelberg

Monitoring tumor therapy with liquid biopsies

15:00 INVITED TALK

Ranjit Bindra, Yale School of Medicine, New Haven

Exploiting unexpected metabolic vulnerabilities in adult and pediatric glioma using novel radiosensitization approaches: Bench-to-bedside at the speed of Yale Science

15:30 **Proffered Paper 2**

selected from abstracts

16:00 *Coffee break*

16:15 KEYNOTE ADDRESS

Fei Fei Liu, Ontario Cancer Institute, Toronto

Challenges and Opportunities in Targeting Metabolic Dysregulation for Radiation Fibrosis

17:00 Poster Price

17:15 Departure

Venue

Universitätsklinikum Essen

Medizinisches Forschungszentrum

Hufelandstr. 55

45122 Essen