

Curriculum Vitae

Dr.rer.nat. Markus E. Diefenbacher



EXPERIENCE

Sep 2015-current

Junior Group Leader,

Biocenter University Wuerzburg and Comprehensive Cancer Centre Mainfranken

Main projects:

- Targeting β -Catenin protein stability in colorectal cancer
- Deregulating protein stability as novel therapeutic avenue in lung squamous cell carcinoma
- Establishing cancer-derived organoids of patients
- Novel mouse models of colon and lung cancer using genome editing

Sep 2009 – Aug 2015

Postdoctoral Fellow,

Cancer Research UK London Research Institute, Mammalian Genetics Department, London, UK

PI: *Dr. Axel Behrens*

Main Projects:

- *The Role of Usp28 in intestinal homeostasis and Cancer*
- *Novel mouse models of human Lung Squamous Cell Carcinoma*

Feb 2009 – Aug 2009

Postdoctoral Fellow

Fritz Lipman Institut e.V. (FLI), Jena, Germany

Guest Scientist at KIT, Institute of Toxicology and Genetics, Germany

PI: *Prof. Peter Herrlich, Dr. Olivier Kassel*

Project: *Molecular mechanism of nTrip6 co-activator function*

Oct 2005 – Jan 2009

PhD student in Genetics

KIT, Institute of Toxicology and Genetics, Karlsruhe, Germany

PI: *Dr. Olivier Kassel, Prof. Peter Herrlich*

Project: *Molecular mechanism of nTrip6 co-activator function*