



3rd TRR81 PhD Minisymposia

Tuesday, 26th of June, 2012

Venue:

Alexander von Humboldt-Haus, Rathenaustraße 24, 35392 Gießen

DNA/RNA methylation in malignancies and differentiation

Invited speakers:

Rejane Hughes Carvalho,

Dept. of Cell Biology, Erasmus MC, The Netherlands (Sjaak Philipsen lab)

Christoph Lahtz,

Dept. of Cancer Biology, Beckman Research Institute, USA (Gerd Pfeifer lab)

Daniela Meilinger,

Ludwig Maximilians University Munich, Germany (Heinrich Leonhardt lab)

Anna Poetsch,

German Cancer Research Center, Germany (Christoph Plass lab)

Arumugam Rajavelu,

University of Stuttgart, Germany (Albert Jeltsch lab)

Andrea Schäfer,

Institute for Molecular Biology (IMB), Germany (Christof Niehrs lab)

Matthias R. Schaefer,

German Cancer Research Center, Germany (Frank Lyko lab)

Local organizers: Tanja Haag, Steffen Kiehl (Reinhard Dammann lab)

Sponsoring: DFG – TRR81 (Chromatin Changes in Differentiation and Malignancies)

Program:

- 9.30h – 10.00h: **Registration, Refreshments**
- 10.00h – 10.30h: **Welcome, Introduction**
Tanja Haag, Chair (Giessen, Germany)
Steffen Kiehl, Chair (Giessen, Germany)
Reinhard Dammann (Giessen, Germany)
- 10.30h – 11.15h **Anna Poetsch**
Genetic and epigenetic search for the tumor suppressor gene on chromosome 7q in acute myeloid leukemia
- 11.15 h– 12.00h **Rejane Hughes Carvalho**
Genome-wide DNA methylation profiling of non-small cell lung carcinomas
- 12.00h - 13.00h: **Lunch break**
- 13.00h – 13.45: **Matthias R. Schaefer**
Dnmt2-mediated RNA methylation and RNA stress
- 13.45h – 14.30h: **Arumugam Rajavelu**
Structure and Regulation of DNMT3a
- 14.30h - 15.15h: **Andrea Schäfer**
The role of Gadd45 in repair mediated DNA demethylation
- 15.15h – 15.30: **Coffee Break**
- 15.30h – 16.15h: **Christof Lahtz**
Epigenetic changes through ionizing radiation
- 16.15h – 17.00h: **Daniela Meilinger**
Role and regulation of DNA methylation in mouse embryonic stem cells
- 19.00h: **Speakers dinner**