

**Education****College/University:**

2002-2008 University of Rostock, Diploma in Biology

2008-2009 University of Rostock, Research Associate

Highest degree:

Dipl. Biol.

Major Subjects:

Microbiology

Genetics/Molecular Biology

Immunobiology

Projects/Research:

Characterization of chr21-encoded microRNAs in hematopoiesis and AML.

1. Identification and functional investigation of AML signature microRNAs

Scholarships:

1. HBRS Scholarship PhD Program 'Molecular Medicine', MH-Hannover, Germany (2009-2010)

2. R&D Assistantship from BMFZ, University of Rostock, Medical School, Germany (2008-2009)

Scientific Interests and Goals:

My main field of interest is RNA Biology. I am excited by the multitude of mechanisms by which RNAs regulate genes, govern metabolic processes and affect cell fates. I want to study microRNAs and other ncRNAs in leukaemia. My work aims to contribute in progress of understanding and treating childhood AML. Ultimately I want to decipher novel RNA molecules and their mechanisms as players in oncology and development.

Hobbies and other interests:

Running, Powerlifting, Movies, Sci-Fi literature, Basketball, Spinning

Publications:

Klusmann JH, Li Z, Böhmer K, Maroz A, Koch ML, *Emmrich S*, Godinho FJ, Orkin SH & Reinhardt D. **miR-125b-2 is a potential oncomiR on human chromosome 21 in megakaryoblastic leukemia.** Genes Dev. 2010; in press.

Alla V, Engelmann D, Niemetz A, Pahnke J, Schmidt A, Kunz M, *Emmrich S*, Steder M, Koczan D, Pützer BM. **E2F1 in melanoma progression and metastasis.** J Natl Cancer Inst. 2010 Jan 20;102(2):127-33.

Emmrich S, Wang W, John K, Li W, Pützer BM. **Antisense Gapmers selectively suppress individual oncogenic p73 splice isoforms and inhibit tumor growth in**

First name:**Stephan****Last name:****Emmrich****Date of birth:****27.04.1982****Country:****Germany****E-mail:****Stephan-Emmrich@gmx.net****Supervisor:****Dr. Klusmann****Pediatric Hematology & Oncology**