

## **Curriculum Vitæ Kai Papenfort**

### **EDUCATION AND RESEARCH EXPERIENCE**

- since 2012      Postdoctoral Fellow**  
**Princeton University, Department of Molecular Biology, USA**  
Mentors: Prof. Bonnie Bassler, Prof. Ned Wingreen  
Project: "Investigation of bacterial quorum sensing at the population-wide and single-cell level"
- 2010 - 2012      Postdoctoral Fellow (Senior Researcher)**  
**Institute for Molecular Infection Biology, Würzburg, Germany**  
Mentor: Prof. Jörg Vogel  
Project: "The role of sRNAs in the control of horizontally acquired genes"
- 2006 - 2010      Ph.D. in Genetics / Microbiology**  
**MPI for Infection Biology, and Humboldt University, Berlin, Germany**  
Mentors: Prof. Jörg Vogel, Prof. Thomas Börner  
Thesis: "Functional characterization of sRNAs in the model pathogen *Salmonella Typhimurium*"  
Grade: "Summa cum laude"
- 2006              Marie Curie fellow**  
**Institute of Food Research, Norwich, UK**  
3 month research visit in Bacterial Pathogenesis Group (Prof. Jay C. D. Hinton)  
Project: "Microarray based target search for small RNAs in *Salmonella Typhimurium*"
- 2000 - 2005      Undergraduate studies in Biology (Diploma)**  
**Philipps University & MPI for Terrestrial Microbiology, Marburg, Germany**  
Departments of Genetics and Organismic Interactions  
Mentor: Prof. Dr. Jörg Kämper  
Thesis: "Functional Characterization of the PLU-Domain in *Ustilago maydis*"  
Grade: "Sehr Gut" (A)
- 2000              Abitur (High school)**  
St. Michael Gymnasium, Ahlen, Germany