

**CURRICULUM VITAE****HEIKE HAMEISTER, AM VOGELGESANG 11, 65817 EPPSTEIN, GERMANY****Personal data:**

Name: Heike Hameister  
Address: Am Vogelgesang 11  
65817 Eppstein, Germany  
Telephone number: 0049-30-82077480  
Date of birth: 20.07.1978 in Mainz  
Family status: unmarried

**School education:**

1985 – 1989 Comenius-Schule, Eppstein-Bremthal  
Basic primary school  
1989 – 1998 Main-Taunus-Schule, Hofheim  
Grammar school  
Graduation: general qualification for university entrance

**University:**

1998 – 2007 Studies in biology, Technical University of Darmstadt  
Graduation: Diploma  
Key aspects: Plantphysiology (Final mark: 1)  
Biochemistry (Final mark: 2)  
Botany (Final mark: 1)  
Research practicum: Bioinformatics  
(Title: The effect of repetitive elements at correlation structure of human, mouse and rat)  
Diploma thesis: Bioinformatics  
(Title: The application of a correlation-based genome signature for microorganisms)  
Final mark: 1

**Work experience/Seminar:**

2002 Therapy with blood-products: Pharmaceutical drug safety and  
„Regulatory affairs“  
Paul-Ehrlich Institute, Langen, Germany  
2003 New product development in molecular medicine  
Merck KGaA, Darmstadt, Germany  
2003 Drug Discovery  
Boehringer Ingelheim, Darmstadt, Germany

**CURRICULUM VITAE****HEIKE HAMEISTER, AM VOGELGESANG 11, 65817 EPPSTEIN, GERMANY****Activities:**

- 1994 – 2001 Roche Consumer Health Deutschland GmbH, Eppstein, Germany  
Student assistant  
Field of activity: Product safety and purchasing
- 1999 – 2004 Genius GmbH, Darmstadt, Germany  
Student assistant  
Field of collaboration: Clinical trial „Map of vaccines and their platform technologies“  
„Compendium of gene technology and food“
- 2003 – 2005 /System/3001/ The Care System, Darmstadt, Germany  
Student assistant  
Field of activity: Quality management  
Product design and purchasing  
Personnel administration  
Organisation and performance of expert conferences
- 2005 – 2006 Technical University of Darmstadt, Germany  
Theoretical Bioinformatics Group, Prof. Dr. Marc-Thorsten Hütt,  
Student research assistant
- 2006 – 2008 Jacobs University of Bremen, Germany  
Computational Systems Biology Group, Prof. Dr. Marc-Thorsten Hütt,  
Scientific officer
- 2007 – today Max Planck Institute of Molecular Plant Physiology, Potsdam, Germany  
Systems Biology and Mathematical Modelling Group, Dr. Oliver Ebenhöf  
PhD Position  
Title: „A mathematical model of the proliferating cell nuclear antigen (PCNA) and its role in DNA replication and repair“

**Attainment:**

- Computing: Windows, MS-Office  
Matlab, Mathematica, Perl  
HTML, LaTeX
- Language skills: German (native language)  
English (fluent)  
Spanish (fluent)  
French (elementary)

**National and international conferences:**

Manuel Dehnert, Heike Hameister, Werner E. Helm, Marc-Thorsten Hütt, „Transposable elements explain differences and similarities in the correlation structure of Eukaryotic genomes“, 1st International Conference/Workshop for Genomic Impact Of Eukaryotic Transposable Elements, March 31 – April 4, 2006, Asilomar, Pacific Grove, California, USA

Heike Hameister, Manuel Dehnert, Marc-Thorsten Hütt, "First tests of correlation-based genome signature for microorganisms", Bremen Molecular and Marine Biology Meeting (BMMB 07), January 26-27, 2007, Etelsen, Germany

Heike Hameister, Oliver Ebenhöf, „A mathematical model of the proliferating cell nuclear antigen (PCNA)“, Conference on Systems Biology of Mammalian Cells (SBMC08), May 22 – 24, 2008, Dresden, Germany

Heike Hameister, Oliver Ebenhöf, “A mathematical model of the proliferating cell nuclear antigen (PCNA)“, European Conference on Mathematical and Theoretical Biology (ECMTB 08), June 29 – July 04, 2008, Edinburgh, Scotland

Heike Hameister, Heike E. Aßmus, Alexander Skupin, Oliver Ebenhöf, “A mathematical model for lagging strand synthesis and the special role of PCNA“, German Symposium on Systems Biology 2009 (GSSB 09), May 12 – 15, 2009, Heidelberg, Germany