

## Wolfgang Huber

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### Education

1998 **Dr. rer. nat. (Theoretical Physics)**  
Univ. of Freiburg Thesis *Dynamics of strongly driven open quantum systems*

1994 **Diplom (Physics)**. Grade average 1.0  
Univ. of Freiburg Thesis *The description of reaction diffusion processes through master equations*  
Minor in Mathematics (Probability and Statistics)

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### Positions

**EMBL** **Research group leader**  
Cambridge (UK), Sep 2004 - Feb 2009 European Bioinformatics Institute (EBI)  
Heidelberg, Mar 2009 - present Genome Biology Unit

German Cancer Research Centre **Researcher**, Division of Molecular Genome Analysis: bioinformatics, microarray data analysis and other functional genomics technologies.  
**DKFZ** Heidelberg  
Mar 2000 - Sep 2004

**IBM** Research Center **Postdoc**, Biocomputing Unit: cheminformatics, 3D flexible alignment & similarity of molecular compounds.  
Almaden, San Jose  
California  
Jun 1998 - Dec 1999

University of **Freiburg** **Research and teaching assistant**, Dep. of Stochastic Dynamical Systems, Faculty of Physics  
Oct 1994 - May 1998

Department of Neurology **Research assistant**  
Univ. Clinic **Freiburg**  
Sep 1991 - Dec 1997

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### External funding

Network of Excellence *Systems Microscopy*, FP7-HEALTH-2010; Medium scale focused research project *Cancer Pathways*, FP7-HEALTH-2007-A; Marie Curie Research and training network *Chromatin Plasticity*, MRTN-CT-2006-035733; Coordinated Action *Emerald*, LSHG-CT-2006-037689; HFSP Research Grant (2005-09); Integrated Project *HeartRepair*, LSHM-CT-2005-018630; UK Medical Research Council (MRC).

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- [4] Beate Neumann, Thomas Walter, Jean-Karim Heriche, Jutta Bulkescher, Holger Erfle, Christian Conrad, Phill Rogers, Ina Poser, Michael Held, Urban Liebel, Cihan Cetin, Frank Sieckmann, Gregoire Pau, Rolf Kabbe, Annelie Wuensche, Venkata Satagopam, Michael H. A. Schmitz, Catherine Chapuis, Daniel W. Gerlich, Reinhard Schneider, Roland Eils, Wolfgang Huber, Jan-Michael Peters, Anthony A. Hyman, Richard Durbin, Rainer Pepperkok, and Jan Ellenberg. Phenotypic profiling of the human genome by time-lapse microscopy reveals cell division genes. *Nature*, 464(7289):721–727, 2010.
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- [7] Steffen Durinck, Paul T. Spellman, Ewan Birney, and Wolfgang Huber. Mapping identifiers for the integration of genomic datasets with the R/Bioconductor package biomaRt. *Nature Protocols*, 4(8):1184–1191, 2009.
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- [9] Florian Hahne, Wolfgang Huber, Robert Gentleman, and Seth Falcon. *Bioconductor Case Studies. Use R*. Springer, 2008.
- [10] Robert Gentleman, Vincent J. Carey, Wolfgang Huber, Rafael Irizarry, and Sandrine Dudoit, editors. *Bioinformatics and Computational Biology Solutions Using R and Bioconductor*. Springer, 2005.