

## Short CV Hauke Busch

### Personal Data

Name **Prof. Dr. rer. nat. Hauke Busch**  
Date of birth 02.07.1972

### Affiliation

Institution **University of Lübeck**  
Department **LIED – Lübeck Institute of Experimental Dermatology**  
Address Ratzeburger Allee 160  
City, Zip Code Lübeck, 23562  
Phone +49-451-3101-8470  
Fax +49-451-3101-8404  
E-mail hauke.busch@uni-luebeck.de

### Education/Training

1992-1998 Degree in **Physics**, Darmstadt University of Technology, Germany  
1994-1995 Study at the Trinity College Dublin, Ireland  
2004 **Doctoral thesis**, Darmstadt University of Technology, Germany

### Research Experience/Academic Appointments

2004-2008 **Postdoc**, German Cancer Research Center (DKFZ) and Member of the BioMS Initiative, Heidelberg, Germany  
2009-2012 **Junior Fellow**, Freiburg Institute for Advanced Studies FRIAS-LifeNet, University of Freiburg, Germany  
2012-2016 **Junior Group Leader**, DKTK/DKFZ partner site Freiburg, Institute of Molecular Medicine and Cell Research, Germany  
2016-present **Professor** for Medical Systems Biology, University of Lübeck, Germany

### Important Scientific Prizes/Functions

2004-2008 BioMS Fellow, Heidelberg, Germany  
2010-2013 Deputy Coordinator of BMBF Consortium Gerontosys – Stromal Aging  
2013-2016 Member of the Molecular Tumor Board Freiburg  
2013-2016 Member of the Biobank and Genomics Advisory Board, Freiburg  
2016-present Member of the Cluster of Excellence “Inflammation at Interfaces”  
2016-present Leader of the Systems Biology Service Unit, University of Lübeck  
2016-present Spokesperson of the High-Performance Computer Cluster, University of Lübeck

### Main Research Domain

Analysis and Modeling of High-Throughput Data in Cancer Biology  
Cardiology and Dermatology with a focus on Transcriptome Dynamics and network analysis of the cellular interactome

### Selected Publications

Krebs AM *et al.* Nat Cell Biol 2017 (19:518-529)  
He Y *et al.* Am J Hum Genetics 2016 (99:1395-1404)  
Boerries M *et al.* Kidney Int 2013 (83:1052-1064)  
Küttner V *et al.* Mol Syst Biol 2013 (9:57)  
Singh A *et al.* Bioinformatics 2012 (28:i495-i501)