

# CURRICULUM VITAE

## PERSONAL DATA

Name: Dr. Sabine Lauer (nee Ricker)  
Address: Neuhöfer Straße 43a  
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Date of birth: 8-April-1972  
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## PROFESSIONAL EXPERIENCE

**since Apr 2010** Dr. Lauer Research, Neu-Isenburg, Germany  
*Freelance Biostatistician*

**Aug 2006 - Mar 2010** Accovion GmbH, Eschborn, Germany  
*Senior Biostatistician*

**Jan 2006 - Jun 2006** Merz Pharmaceuticals GmbH, Frankfurt am Main, Germany  
*Biostatistician*

**Dec 2002 - Dec 2005** Accovion GmbH, Eschborn, Germany  
*Biostatistician*

**Apr 2001 - Nov 2002** SECUDE GmbH, Darmstadt, Germany  
*Software developer and consultant for cryptographic applications*

Study statistician for various clinical trials (phase II-IV and observational studies, including trials with an adaptive design), involved in all statistical activities such as

- Protocol writing
- (e)CRF design
- Data surveillance
- Writing of statistical analysis plans
- Design, programming and validation of tables, listings, and graphs
- Writing of clinical study reports, annual safety reports and publications

Further experience:

- Interactions with regulatory authorities including preparation of submission dossiers, preparation and attendance of meetings, response to questions
- Event-prediction
- Study statistician of a trial investigating the predictive and prognostic value of several biomarkers for cardiac events
- Independent statistician for the data monitoring committee of two thalassaemia studies
- Meta-analysis combining the results of several studies in diffuse effluvia for marketing purposes
- Member of the data monitoring committee for a study in mitral valve repair surgery

Project leader of numerous projects with responsibility for the following main tasks:

- Coordination and leadership of team members
- Key contact person for client requests
- Financial tracking
- Management of timelines and resources

Experience as a statistician and/or project leader in various indications, including breast cancer, pain, migraine, epilepsy, spasticity, multiple sclerosis, osteoarthritis, atrial fibrillation, dementia, colon cancer, and diabetes. In-depth programming skills in SAS (including SAS-MACRO), basic skills in R and familiar with the use of statistical software like NQuery, LogXact, StatXact, Pass, and Addplan.

## EDUCATION

- 1999 - 2001** Johann Wolfgang Goethe-University, Frankfurt am Main, Germany  
*Ph.D in Mathematics (final grade "very good")*
- 1998 - 1999** Oregon State University, Corvallis, Oregon, USA  
*Research stay at the Department of Mathematics*
- 1996 - 1999** Studienstiftung des deutschen Volkes  
*Scholarship holder*
- 1993 - 1998** Johann Wolfgang Goethe-University, Frankfurt am Main, Germany  
*Masters degree in Mathematics (final grade "very good")*
- 1991 - 1993** Dresdner Bank AG, Frankfurt am Main  
*Professional qualification as bank merchant (final grade "very good")*

## STATISTICAL TEACHING

- 2004 - 2007** University of Applied Sciences, Darmstadt  
*Lecturer for statistics*

## SELECTED TRAINING AND CONFERENCES

- 2017** European Federation of Statisticians in the Pharmaceutical Industry (EFPSI):  
Basel, Switzerland  
*Workshop on Regulatory Statistics*
- 2015** International Biometric Society (IBS): Berlin, Germany  
*Analysis of multiple event-times: recurrent events and combined endpoints*
- 2015** PhUSE annual conference: Vienna, Austria  
*Best presentation award in the Statistics & Pharmacokinetics stream for  
„Adjusting long-term efficacy estimates when patients cross over to  
experimental treatment“*
- 2014** Arbeitsgruppe Pharmazeutische Forschung: München Germany  
*Subgroup analyses and experiences with the missing data guideline*
- 2013** International Biometric Society (IBS): Berlin, Germany  
*Multiple testing procedures in clinical trials*
- 2010** Statistician in the Pharmaceutical Industry (PSI) E-Learning  
*James Carpenter Multiple Imputation Course*
- 2009** Medical and Pharmaceutical Statistics Research Unit (MPS): Lancaster Uni-  
versity, United Kingdom  
*Adaptive and bayesian methods in clinical research*
- 2007** Multiple Comparison Procedures (MCP): Vienna, Austria  
*5th international conference on multiple comparisons*
- 2006** International Biometric Society (IBS): Berlin, Germany  
*Workshop on adaptive designs*
- 2005** IBS: Universität Halle, Germany  
*Tutorial „Interim monitoring of clinical trials“*
- 2004** MPS: University of Reading, United Kingdom  
*Statistical analysis of categorical data*
- 2003** MPS: University of Reading, United Kingdom  
*Meta-analysis of controlled clinical trials*

## LANGUAGES

German native speaker, fluent in English and French (both spoken and written)

## **PUBLICATIONS**

Gligorov J et al. "Switching between intravenous and subcutaneous trastuzumab: Safety results from the PrefHer trial", *Breast*. (Aug 2017), pages 89-95

Cameron D et al. "11 years' follow-up of trastuzumab after adjuvant chemotherapy in HER2-positive early breast cancer: final analysis of the HERceptin Adjuvant (HERA) trial", *Lancet* (Mar 2017), pages 1195-1205

Zavardas D et al. "Role of Troponins I and T and N-Terminal Prohormone of Brain Natriuretic Peptide in Monitoring Cardiac Safety of Patients with Early-Stage Human Epidermal Growth Factor Receptor 2-positive Breast Cancer Receiving Trastuzumab: A Herceptin Adjuvant Study Cardiac Marker Substudy", *J Clin Oncol* (Mar 2017), pages 878-884

Sabine Ricker "Symmetric Fuchsian quadrilateral groups and modular embeddings", *Quart. J.Math.* 53 (2002), pages 75-86