

<b>Name</b>	Martin Schumacher
<b>Nationality</b>	German
<b>Current position</b>	Professor of Medical Biometry and Statistics University of Freiburg  Institute for Medical Biometry and Statistics Center for Medical Biometry and Medical Informatics Medical Center – University of Freiburg Stefan-Meier-Str. 26 79104 Freiburg Germany
<b>Education</b>	Habilitation, University of Heidelberg, Germany. 1982 PhD in Mathematics, University of Dortmund, Germany, 1977 Diploma in Mathematics and Statistics, University of Dortmund, Germany, 1974
<b>Employment</b>	
1986 - Present	Professor of Medical Biometry and Statistics, University of Freiburg
2006 - Present	Chairman, Freiburg Center for Data Analysis and Modelling (FDM)
1994 - 2001	Chairman, Freiburg Center for Data Analysis and Modelling (FDM)
1984	Visiting Associate Professor, Department of Biostatistics, University of Washington, USA
1983 - 1986	Associate Professor, Department of Statistics, University of Dortmund, Germany
1979 – 1983	Research Associate, Institute of Medical Statistics, University of Heidelberg, Germany
1975 – 1979	Assistant Professor, Department of Statistics, University of Dortmund, Germany
<b>Field of Research</b>	Statistical models for event-history data Statistical methodology for clinical and epidemiological studies Nonparametrics/non-linear regression models Statistical classifications, Statistical Bioinformatics

## **Selected Publications**

Binder H, Allignol A, Schumacher M, Beyersmann J. Boosting for high-dimensional time-to-event data competing risks. *Bioinformatics*. 2009 Apr 1; 25(7):890-6

Rücker G, Schwarzer G, Carpenter JR, Binder H, Schumacher M. Treatment-effect estimates adjusted for small-study effects via a limit meta-analysis. *Biostatistics*. 2011 Jan;12(1)122-42

Schumacher M, Binder H, Gerds T. Assessment of survival prediction models based on microarray data. *Bioinformatics*. 2007 Jul 15;23(14):1768-74

Schmoor C, Schumacher M, Finke J, Beyersmann J. Competing risks and multistate models. *Clin Cancer Res*. 2013 Jan 1;19(1):12-21

Beyersmann J, Wolkewitz M, Allignol A, Grambauer N, Schumacher M. Application of multistate models in hospital epidemiology: advances and challenges. *Biom J*. 2011 Mar;53(2):332-50

Schumacher M, Allignol A, Beyersmann J, Binder N, Wolkewitz M. Hospital-acquired infections – statistical treatment is urgently needed. *Int J. Epidemiol* 2013; 42: 1502-8

Schumacher M, Rücker G, Schwarzer G. Meta-analysis and the Surgeon General's report on smoking and health. *N Engl J Med* 2014; 370: 186-8

## Disclosures

### Professional and Administrative tasks

2012- Present	Member of the Jury of the Paul-Martini-Award, Paul-Martini-Stiftung Berlin
2009 – Present	Associate Editor, Biometrical Journal
2013	Local Organizer, DAGStat Conference
2003 – 2009	Editor, Biometrical Journal
2002	Local organizer, International Biometrie Conference
1990 – 2005	Associate Editor Statistics in Medicine

### Grants 2010-

2013 – 2016	Principle investigator "Missing information because of death in time-to-event analyses of clinical and epidemiological studies" DFG
2013 – 2016	Co-Investigator "COMBACTE- Combatting Bacterial Resistance in Europe, EU IMI Programme)
2012 – 2015	Principle Investigator and Coordinator, "Marie-Curie Initial Training Network MEDIASRED, EU FP7
2008 – 2015	Co-investigator "German Registry of Clinical Trials" (Deutsches Register Klinischer Studien BMBF)
2004 – 2010	Principle Investigator "Regression and multiple time-scales in multi-state models", DFG FOR 534
2004 – 2010	Principle Investigator "Survival models with high-dimensional data structure", DFG FOR 534
2004 – 2010	Principle Investigator and Coordinator, "Research Unit Coordination and information (Coordination)" Deutsche Forschungsgemeinschaft (German Research Foundation), DFG for 534

### Consultancy

Statistical Consultant for Actelion Pharmaceuticals Ltd., Allschwil, Switzerland

Boehringer Ingelheim Pharma, Ingelheim, Germany.

## External Advisory Boards

European Center of Pharmaceutical Medicine (ECPM),  
University of Basle

Swiss Tropical and Public Health Institute (Swiss TPH),  
University of Basle

German Diabetes Center, Duesseldorf

Center for Thrombosis and Haemostasis, University of Mainz