

**Department and function:**

Group leader (Institute of Medical Microbiology and Hospital Epidem.)

**Education:**

- 1996 PhD in Biology (Microbiology/Biochemistry/Cell Biology), Ruhr-University Bochum, Germany
- 2003 Habilitation in Medical Microbiology, University of Würzburg, Germany

**Positions:**

- 1998-1999: Junior Research Group Leader, Dept. Medical Microbiology, Ruhr-University Bochum, Germany
- 1999-2000: Post-Doctoral Research, Institute for Cellular Pathology, Université Catholique de Louvain, Bruxelles/Brussel, Belgium
- 2000-2004: Junior Research Group Leader, Institute for Hygiene and Microbiology, University of Würzburg, Germany
- from 2004: Research Group Leader "Cellular Microbiology" Institute for Medical Microbiology and Hospital Epidem. at Hannover Medical School

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mikrobiologie.html****Major research interests:**

Characterization of virulence mechanisms of pathogenic bacteria  
Bacterial sensing, signal transduction and gene regulation  
Bacterial motility and secretion processes  
Influence of bacteria on cellular signaling and immune responses in health (commensals) and disease (pathogens) in the gastrointestinal tract

**Selected Publications:**

- Schmausser B., Josenhans C., Endrich S., Suerbaum S., et al. *Infect. Immun.* 2004; 72: 6773-6779.
- Schreiber S, Bucker R, Groll C, Azevedo-Vethacke M, Garten D, Scheid P, et al. *Infect Immun.* 2005; 73(3):1584-9
- Schreiber S, Bucker R, Groll C, Azevedo-Vethacke M, Scheid P, Gatermann S, Josenhans C, Suerbaum S. *Arch Microbiol.* 2006;184(5):335-40.
- Andrzejewska J, Lee SK, Olbermann P, Lotzing N, Katzowitsch E, Linz B, et al. *J Bacteriol.* 2006;188(16):5865-77.
- Ye F, Niehus E, Drlica K, Josenhans C, Suerbaum S. *Int J Med Microbiol.* 2007; 297(2):65-81.
- Sterzenbach T, Lee SK, Brenneke B, von Goetz F, Schauer DB, Fox JG, Suerbaum S, Josenhans C. *Infect Immun.* 2007;75(6):2717-28.
- Schweinitzer T, Mizote T, Ishikawa N, Dudnik A, Inatsu S, Schreiber S, Suerbaum S, Aizawa SI, Josenhans C. *J Bacteriol.* 2008;190(9):3244-55.
- Sterzenbach T, Bartonickova L, Behrens W, Brenneke B, Schulze J, Kops F, et al. *J Bacteriol.* 2008 Oct;190(19):6398-408.