

**Department and function:**

Group leader, Department of Toxicology

**Education:**

1998-95 Chemistry, Technical University of Darmstadt, Germany

1995-2000 PhD in Chemistry, Albert-Ludwigs-Universität Freiburg

**Positions:**

2000-recent: Group leader, Institute of Toxicology/  
Hannover Medical School

**First name:****Harald****Last name:****Genth****Acad. Title:****Dr. rer. nat.****Address:****OE 5340****Hannover Medical School****Phone and e-mail:****++49- 511- 532 9168****Genth.harald@****mh-hannover.de****Further information:****[http://www.mh-hannover.de/  
toxicology.html?&no\\_cache=1](http://www.mh-hannover.de/toxicology.html?&no_cache=1)****Major research interests:**

Mode of action of bacterial protein toxins

Signal transduction pathways governed by Rho and Ras

**Selected Publications:**

Genth, H., J. Selzer, C. Busch, J. Dumbach, F. Hofmann, K. Aktories, I. Just..  
Infection and Immunity. 2000; 68: 1094-1101

Genth, H., R. Gerhard, A. Maeda, M. Amano, K. Kaibuchi, K. Aktories, I. Just..  
Journal of Biological Chemistry. 2003; 278:28523-28527.

Gerhard, R., H. Tatge, H. Genth, T. Thum, J. Borlak, G. Fritz, I. Just.. Journal of  
Biological Chemistry 2005; 280(2):1499-505, 2005.

Czeloth, N., G. Bernhardt, F. Hofmann, H. Genth, R. Foerster. Journal of  
Immunology 2005; 175(5):2960-7.

Genth H, Huelsenbeck J, Hartmann B, Hofmann F, Just I, Gerhard R. FEBS Lett.  
2006;580(14):3565-9

Huelsenbeck J, Dreger S, Gerhard R, Barth H, Just I, Genth H. Infect Immun. 2007;  
75(2):801-9.

Huelsenbeck J, Dreger SC, Gerhard R, Fritz G, Just I, Genth H. Biochemistry. 2007  
Apr 24;46(16):4923-31

Halabi-Cabezón I, Huelsenbeck J, May M, Ladwein M, Rottner K, Just I, Genth H.  
FEBS Lett. 2008 Nov 12;582(27):3751-6.

Dreger SC, Schulz F, Huelsenbeck J, Gerhard R, Hofmann F, Just I, Genth H.  
Biochemistry. 2009 Feb 6. [Epub ahead of print]