

**Department and function:**

Director, Biochemistry (Physiological Chemistry)

**Education:**

- 1983 PhD in Biology (Biophysics), Humboldt-University Berlin  
1993 Habilitation in Biochemistry, Free University Berlin

**Positions:**

- 1991-1995: Junior Research Group Leader at the Max-Delbrück-Centrum for Molecular Medicine (MDC), Berlin-Buch  
1995-1997: Heisenberg-Fellow of the German Research Council (DFG), Guest Research Group Leader at the MDC, Berlin-Buch  
1997-2000: Professor of Molecular Genetics; Innovationskolleg "Zellspezialisierung" of the Martin-Luther-University Halle-Wittenberg  
2001-recent: Chair and Head of Institute of Biochemistry/Physiological Chemistry of Hannover Medical School

**First name:****Matthias****Last name:****Gaestel****Acad. Title:****Prof. Dr.****Address:**

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**Phone and e-mail:****++49- 511- 532 2825****gaestel.matthias@****mh-hannover.de****Further information:****<http://www.mh-hannover.de/200.html>****Major research interests:**

Analysis of mechanisms of stress-dependent signal transduction

Nucleo-cytoplasmic signalling

Regulation of gene expression by protein phosphorylation at the post-transcriptional level

**Selected Publications:**

Schumacher S, Laass K, Kant S, Shi Y, Visel A, Gruber AD, Kotlyarov A, Gaestel M. *EMBO J.* 2004; 23(24):4770-4779

Gaestel M. *Nat Rev Mol Cell Biol.* 2006; 7(2):120-30.

Hitti E, Iakovleva T, Brook M, Deppenmeier S, Gruber AD, Radzioch D, Clark AR, Blackshear PJ, Kotlyarov A, Gaestel M. *Mol Cell Biol.* 2006;26(6):2399-407.

Vertii A, Hakim C, Kotlyarov A, Gaestel M. *J Biol Chem.* 2006;281(37):26966-75

Kant S, Schumacher S, Singh MK, Kispert A, Kotlyarov A, Gaestel M. *J Biol Chem.* 2006;281(46):35511-9.

Jakobs A, Koehnke J, Himstedt F, Funk M, Korn B, Gaestel M, Niedenthal R. *Nat Methods.* 2007 Mar;4(3):245-50.

Jakobs A, Himstedt F, Funk M, Korn B, Gaestel M, Niedenthal R. *Nucleic Acids Res.* 2007;35(17):e109.

Zaru R, Ronkina N, Gaestel M, Arthur JS, Watts C. *Nat Immunol.* 2007;8(11):1227-35.

Thomas T, Timmer M, Cesnulevicius K, Hitti E, Kotlyarov A, Gaestel M. *J Neurochem.* 2008;105(5):2039-52

Thomas T, Hitti E, Kotlyarov A, Potschka H, Gaestel M. *Eur J Neurosci.* 2008; 28(4):642-54.

Zimmik S, Gaestel M, Niedenthal R. *Nucleic Acids Res.* 2009 Jan 27 [Epub ahead of