

**Department and function:**

Assistant Medical Director, Medical Microbiology

**Education:**

- 1980 - 86 Study of Medicine at the Johannes-Gutenberg University Mainz
- 1988 - 91 Experimental training in Molecular Biology and Cell Biology at the Baylor College of Medicine, Department of Cell Biology, Houston, Texas, Medical Center
- 2000 Consultant with board certification in Med. Microbiol.

**Positions:**

- 1987 - 88 Research Assistant in the Department of Medical Microbiology, Johannes-Gutenberg University, Mainz
- 1991 -2000 Research Assistant and, from 2001 on, Assistant Medical Director at the Department of Medical Microbiology, MHH

**Major research interests:**

Basic research on ...

1. Chlamydia: Bacteria–host-cell interaction, regulated host-cell genes, mechanisms and signalling pathways
2. Complement: Anaphylatoxic peptides C3a, C5a and their G-protein coupled receptors as part of the innate immunity, receptor regulation on various levels including gene-regulation and interaction with cytokines

**Selected Publications:**

- Hess S, Peters J, Bartling G, Rheinheimer C, et al. *Cell Microbiol.* 2003; 5(11):785-95
- Otto M, Hawlisch H, Monk PN, Muller M, et al. *J Biol Chem.* 2004; 279(1):142-51
- Godau J, Heller T, Hawlisch H, Trappe M, et al. *J Immunol.* 2004; 173(5):3437-45.
- Fischer SF, Vier J, Kirschnek S, Klos A, et al. *J Exp Med.* 2004; 200(7):905-16.
- Peters J, Hess S, Endlich K, Thalmann J, Holzberg D, Kracht M, Schaefer M, Bartling G, Klos A. *Cell Microbiol.* 2005; 7(8):1099-108
- Schaefer M, Konrad S, Thalmann J, Rheinheimer C, Johswich K, Sohns B, Klos A. *J Biol Chem.* 2005; 280(51):42113-23
- Johswich K, Martin M, Thalmann J, Rheinheimer C, Monk PN, Klos A. *J Biol Chem.* 2006;281(51):39088-95.
- Eickhoff M, Thalmann J, Hess S, Martin M, Laue T, Kruppa J, Brandes G, Klos A. *Infect Immun.* 2007;75(6):2853-63.
- Sommer K, Njau F, Wittkop U, Thalmann J, Bartling G, Wagner A, Klos A. *FEMS Immunol Med Microbiol.* 2008 Dec 9. [Epub ahead of print]
- Klos A, Thalmann J, Peters J, Gérard HC, Hudson AP. *FEMS Microbiol Lett.* 2009; 291(1):120-6.

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