

Prof. Dr. Hansjörg Schild

*20.05.1961

Professor of Immunology (C4)
Director of the Institute for Immunology

Institute for Immunology
University Medical Center of the Johannes Gutenberg University Mainz
D-55131 Mainz, Langenbeckstr. 1, building 308A
Tel: +49-6131-176196, Fax: +49-6131-176202
schild@uni-mainz.de
www.immunologie-mainz.de



Academia

- 1981 - 1987 Studies of human biology, University of Marburg (Diploma)
- 1987 - 1989 PhD candidate (Dr. rer. physiol.), Max-Planck-Institute for Biology, Tübingen (Prof. Rammensee)
- 1990 Doctorate (Dr. rer. physiol.), University of Marburg
- 2000 Habilitation (*cell biological aspects of MHC class I-restricted antigen presentation*) and appointment as private lecturer

Career

- 1989 - 1990 Postdoc, Max-Planck-Institute for Biology, Tübingen (Prof. Rammensee)
- 1990 - 1993 Postdoc Stanford University Medical School, Dept. of Microbiology and Immunology (Mark Davis)
- 1993 - 1996 Working group leader, German Cancer Research Center Heidelberg
- 1996 - 2003 Working group leader, Institute for Cell Biology, University of Tübingen
- since 8/2003 University professor (C4) at the University of Mainz, director of the Institute for Immunology

Awards

- 1990 -1992 DFG research scholarship
- 2000 Georges Köhler Prize of the German Society of Immunology
- 2002 Call to C4 professorship in Immunology, University of Marburg (rejected)
- 2009 Call to W3 professorship in Immunology, University Hospital Essen (rejected)

Memberships

- since 2008 Spokesperson of the Focus Immunology, University Medical Center of the Johannes Gutenberg University Mainz
- 2008 - 2014 Spokesperson of the Research Center for Immunology, Johannes Gutenberg University Mainz
- since 2008 Member of the DFG Review Board 204 "Microbiology, Virology, and Immunology"
- since 2011 Member of the advisory board of the German Society of Immunology
- since 2011 Member of the advisory board of the Max Planck Graduate Center Mainz

- since 2012 Member of the advisory board of the TRON GmbH (Mainz)
- since 2012 Member of the advisory board of the TWINCORE GmbH (Hannover)
- since 2013 Ombudsman for scientific misconduct at the Paul Ehrlich Institute (Langen)
- since 2014 Spokesperson of the Research Center for Immunotherapy, Johannes Gutenberg University Mainz

Selected Publications

Probst HC, Muth S, **Schild H** (2014) Regulation of the tolerogenic function of steady-state DCs. *Eur J Immunol.* 44:927-33

Muth S, Schütze K, **Schild H**, Probst HC (2012) Release of dendritic cells from cognate CD4+ T-cell recognition results in impaired peripheral tolerance and fatal CTL autoimmunity. *Proc Natl Acad Sci USA* 109:9059-64

Srokowski CC, Masri J, Hövelmeyer N, Krembel AK, Tertilt C, Strand D, Mahnke K, Massoumi R, Waisman A*, and **Schild H*** (2009) Naturally occurring short splice variant of CYLD positively regulates dendritic cell function. *Blood* 113:5891-5 * joint senior authors

Reinecke J, Tenzer , Hasselmayer O, Rupnik M, Schratzenholz A, **Schild H***, von Eichel-Streiber C* (2007) Autocatalytic cleavage of Clostridium difficile toxin B. *Nature* 446:415-9 * joint senior authors

Osterloh P, Linkemann K, Tenzer S, Rammensee H-G, Radsak MP, Busch DH, **Schild H** (2006) Proteasome shape the repertoire of T cells participating in antigen-specific immune responses. *Proc Natl Acad Sci USA* 103:5042-7

Warger T, Hilf N, Rechtsteiner G, Carrick DM, Jonuleit H, von Landenberg P, Rammensee H-G, Nicchitta CV, Radsak MP, **Schild H** (2006) Interaction of TLR2 and TLR4 ligands with the N-terminal domain of Gp96 amplifies innate and adaptive immune responses. *J Biol Chem* 281:22545-53

Toes REM, Nussbaum AK, Degermann S, Schirle M, Emmerich NPN, Kraft M, Laplace C, Zwinderman A, Dick TP, Müller J, Schöfnisch B, Schmid C, Fehling HJ, Stevanovic S, Rammensee HG, **Schild H** (2001) Discrete cleavage motifs of constitutive and immunoproteasomes revealed by quantitative analysis of cleavage products. *J Exp Med* 194:1-12

Stoltze L, Schirle M, Schwarz G, Schröter C, Thompson MW, Hersh LB, Kalbacher H, Stevanovic S, Rammensee HG, **Schild H** (2000) Two new proteases in the MHC class I processing pathway. *Nat Immunol* 1:413-418

Schild H, Mavaddat N, Litzemberger C, Ehrlich EW, Davis MM, Matis L, Draper RK, Chien YH (1994) The nature of major histocompatibility complex recognition by $\gamma\delta$ T cells. *Cell* 76:29-37

Schild H, Röttschke O, Kalbacher H, Rammensee HG (1989) T lymphocyte tolerance to self proteins is limited by peptide presentation. *Science* 247:1587-1589