

Publication List

Molecular Immunology

B. Roy, S. Shukla, M. Lyszkiewicz, M. Krey, N. Viegas, S. Düber, S. Weiss, 2009: Somatic hypermutation in peritoneal B1b cells. *Mol. Immunol.* 46, 1613-1619.

N. O. Gekara, N. Dietrich, M. Lyszkiewicz, S. Lienenklaus, S. Weiss, 2009: Signals triggered by a bacterial pore-forming toxin contribute to toll-like receptor redundancy in gram-positive bacterial recognition. *J. Infect. Dis.* 199, 124-133.

B. Roy, S. Shukla, B. Stoermann, E. Kremmer, S. Düber, S. Weiss, 2009: Loss of $\lambda 2^{315}$ transgene copy numbers influences the development of B1 cells. *Mol. Immunol.* 46, 1542-1550.

M. Probst-Kepper, R. Geffers, A. Kröger, N. Viegas, C. Erck, H.-J. Hecht, H. Lünsdorf, R. Roubin, D. Moharregg-Khiabani, K. Wagner, F. Ocklenburg, A. Jeron, H. Garritsen, T. Arstila, E. Kekäläinen, R. Balling, H. Hauser, J. Buer, S. Weiss, 2009: GARP: a key receptor controlling FOXP3 in human regulatory T cells. *J. Cell. Mol. Med.*, 13, 3343-3357.

N. Zietara, M. Lyszkiewicz, N. Gekara, J. Puchalka, V.A.P. Martins Dos Santos, S. Lienenklaus, S. Weiss, 2009: Absence of IFN- β impairs antigen presentation capacity of splenic dendritic cells *via* down-regulation of Hsp70. *J. Immunol.* 183, 1099-1109.

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S. Leschner, K. Westphal, N. Dietrich, N. Viegas, J. Jablonska, M. Lyszkiewicz, S. Lienenklaus, W. Falk, N. Gekara, H. Loessner, S. Weiss, 2009: Tumor invasion of *Salmonella enterica* serovar Typhimurium is accompanied by strong hemorrhage promoted by TNF- α . *PLoS ONE*, 4, e6692.

S. Düber, M. Hafner, M. Krey, S. Lienenklaus, B. Roy, E. Hobeika, M. Reth, T. Buch, A. Waisman, K. Kretschmer, S. Weiss, 2009: Induction of B cell development in adult mice reveals the ability of bone marrow to produce B-1a cells. *Blood*, 114, 4960-4967.

J. Jablonska, S. Leschner, K. Westphal, S. Lienenklaus, S. Weiss, 2010: Neutrophils responsive to endogenous IFN-beta regulate tumor angiogenesis and growth in a mouse tumor model. *J. Clin. Invest.*, 120, 1151-1164.

N. Dietrich, S. Lienenklaus, S. Weiss, N.O. Gekara, 2010: Murine toll-like receptor 2 activation induces type I interferon responses from endolysosomal compartments. *PLoS ONE*, 5, e10250.

N. Dietrich, M. Rohde, R. Geffers, A. Kröger, H. Hauser, S. Weiss, N.O. Gekara, 2010: Mast cells elicit proinflammatory but not type I interferon responses upon activation of TLRs by bacteria. *Proc. Natl. Acad. Sci. USA* 107, 8748-8753.

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M. Lyszkiewicz, N. Zietara, N. O. Gekara, M. Rohde, J. Jablonska, K. E. Dittmar, S. Weiss, 2011: SIGN-R1⁺MHC II⁺ cells of the splenic marginal zone – a novel type of resident dendritic cells. *J. Leukoc. Biol.* 89, 607-615.

K. Crull, D. Bumann, S. Weiss, 2011: Influence of infection route and virulence factors on colonization of solid tumors by *Salmonella enterica* serovar Typhimurium. *FEMSIMM* 62, 75-83.

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K. Crull, S. Weiss, 2011: Antibiotic control of tumor colonizing *Salmonella enterica* serovar Typhimurium. *Exp. Biol. Med.* 236, 1282-1290.

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P. Bielecki, U. Komor, A. Bielecka, M. Müsken, J. Puchalka, M.W. Pletz, M. Ballmann, V.A.P. Martins dos Santos, S. Weiss, S. Häussler, 2013: *Ex vivo* transcriptional profiling reveals a common set of genes important for the adaptation of *Pseudomonas aeruginosa* to chronically infected host sites. *Environ. Microbiol.* 15, 570-587.

N. Zietara, M. Lyszkiewicz, J. Puchalka, G. Pei, M.G. Gutierrez, S. Lienenklaus, E. Hobeika, M. Reth, V.A.P. Martins Dos Santos, A. Krueger, S. Weiss, 2013: Immunoglobulins drive terminal maturation of splenic dendritic cells. *Proc. Natl. Acad. Sci. USA* 110, 2282-2287.

N. Viegas, L. Andzinski, C.-F. Wu, N. Gekara, K.E. Dittmar, J. Jablonska, S. Weiss, 2013: IFN- γ production by CD27⁺ NK cells exacerbates *Listeria monocytogenes* infection in mice by inhibiting granulocyte mobilization. *Eur. J. Immunol.*, Epub.

B. Roy, S. Agarwal, A.-M. Brennecke, M. Krey, O. Pabst, S. Düber, S. Weiss, 2013: B-1 cell subpopulations contribute differently to gut immunity. *Eur. J. Immunol.*, in press.