

## Abteilung "Zelluläre und Molekulare Immunologie"

### Journalbeiträge

1. Doni A, Mantovani G, Porta C, Tuckermann J, Reichardt HM, Kleiman A, Sironi M, Rubino L, Pasqualini F, Nebuloni M, Signorini S, Peri G, Sica A, Beck-Peccoz P, Bottazzi B, Mantovani A (2008) Cell-specific regulation of PTX3 by glucocorticoid hormones in hematopoietic and nonhematopoietic cells. *J BIOL CHEM*, 283(44): 29983-92.
2. Dressel R, Schindehütte J, Kuhlmann T, Elsner L, Novota P, Baier PC, Schillert A, Bickeböller H, Herrmann T, Trenkwald C, Paulus W, Mansouri A (2008) The tumorigenicity of mouse embryonic stem cells and in vitro differentiated neuronal cells is controlled by the recipients' immune response. *PLoS One*, 3(7): e2622.
3. Engels N, Engelke M, Wienands J (2008) Conformational plasticity and navigation of signaling proteins in antigen-activated B lymphocytes. *ADV IMMUNOL*, 97: 251-81.
4. Herold M, van den Brandt J, Seibler J, Reichardt H (2008) Inducible and reversible gene silencing by stable integration of an shRNA-encoding lentivirus in transgenic rats. *P NATL ACAD SCI USA*, 105(47): 18507-12.
5. Jundt F, Acikgöz O, Kwon SH, Schwarzer R, Anagnostopoulos I, Wiesner B, Mathas S, Hummel M, Stein H, Reichardt HM, Dörken B (2008) Aberrant expression of Notch1 interferes with the B-lymphoid phenotype of neoplastic B cells in classical Hodgkin lymphoma. *LEUKEMIA*, 22: 1587-94.
6. Kanwar N, Fayyazi A, Backofen B, Nitsche M, Dressel R, von Mollard GF (2008) Thymic alterations in mice deficient for the SNARE protein VAMP8/endobrevin. *CELL TISSUE RES*, 334(2): 227-42.
7. Lee M, Wu BM, Stelzner M, Reichardt HM, Dunn JCY (2008) Intestinal smooth muscle cell maintenance by basic fibroblast growth factor. *TISSUE ENG PART A*, 14(8): 1395-402.
8. Lim HY, van den Brandt J, Fassnacht M, Allolio B, Herold MJ, Reichardt HM (2008) Silencing of the mineralocorticoid receptor by ribonucleic acid interference in transgenic rats disrupts endocrine homeostasis. *MOL ENDOCRINOL*, 22(6): 1304-11.
9. Müller N, van den Brandt J, Odoardi F, Tischner D, Herath J, Flügel A, Reichardt HM (2008) A CD28 superagonistic antibody elicits 2 functionally distinct waves of T cell activation in rats. *J CLIN INVEST*, 118(4): 1405-16.
10. Novota P, Sviland L, Zinöcker S, Stocki P, Balavarca Y, Bickeböller H, Rolstad B, Wang XN, Dickinson AM, Dressel R (2008) Correlation of Hsp70-1 and Hsp70-2 Gene Expression With the Degree of Graft-Versus-Host Reaction in a Rat Skin Explant Model. *TRANSPLANTATION*, 85(12): 1809-1816.
11. Ritter U, Lechner A, Scharl K, Kiafard Z, Zwirner J, Körner H (2008) TNF controls the infiltration of dendritic cells into the site of *Leishmania major* infection. *MED MICROBIOL IMMUN*, 197(1): 29-37.
12. Scholl Hendrik PN, Charbel Issa P, Walier M, Janzer S, Pollok-Kopp B, Börncke F, Fritsche Lars G, Chong Ngaihang V, Fimmers R, Wienker T, Holz Frank G, Weber Bernhard HF, Oppermann M (2008) Systemic complement activation in age-related macular degeneration. *PLoS One*, 3(7): e2593.
13. Schulz R, Vogel T, Dressel R, Krieglstein K (2008) TGF-beta superfamily members, ActivinA and TGF-beta1, induce apoptosis in oligodendrocytes by different pathways. *CELL TISSUE RES*, 334(3): 327-38.
14. Segerer SE, Müller N, Brandt J, Kapp M, Diel J, Reichardt HM, Rieger L, Kämmerer U (2008) The glycoprotein-hormones activin A and inhibin A interfere with dendritic cell maturation. *REPROD BIOL ENDOCRIN*, 6: 17.
15. Soruri A, Grigat J, Kiafard Z, Zwirner J (2008) Mast cell activation is characterized by upregulation of a functional anaphylatoxin C5a receptor. *BMC IMMUNOL*, 9: 29.
16. Suvorova Elena S, Gripenrog Jeannie M, Oppermann M, Miettinen Heini M (2008) Role of the carboxyl terminal di-leucine in phosphorylation and internalization of C5a receptor. *BIOCHIM BIOPHYS ACTA*, 1783(6): 1261-70.
17. Waddell David S, Baehr Leslie M, van den Brandt J, Johnsen Steven A, Reichardt Holger M, Furlow JD, Bodine Sue C (2008) The glucocorticoid receptor and FOXO1 synergistically activate the skeletal muscle atrophy-associated MuRF1 gene. *AM J PHYSIOL- ENDOC M*, 295(4): E785-97.
18. Wüst S, van den Brandt J, Tischner D, Kleiman A, Tuckermann JP, Gold R, Lühder F, Reichardt HM (2008) Peripheral T cells are the therapeutic targets of glucocorticoids in experimental autoimmune encephalomyelitis. *J IMMUNOL*, 180(12): 8434-43.

### Medizinische Dissertationen

1. Bley A, Dr. med., Untersuchung des C3a-Rezeptors des Menschen und der Ratte mittels neuer monoklonaler Antikörper. Dissertation Universität Göttingen 2008.
2. Griep S, Dr. med., Funktionelle Analyse des zytoplasmatischen mlgE-Anteils im Rahmen der B-Zell-Antigen-Rezeptor-Signalleitung. Dissertation Universität Göttingen 2008.

### Naturwiss. u.a. nichtmed. Diss.

1. Muppala VK, Dr. rer. nat., Polymorphisms of heat shock protein receptors. Dissertation Universität Göttingen 2008.
2. Yigit G, Dr. rer. nat., Regulation von B-Zell-Signalprozessen durch das Latente Membranprotein 2A des Epstein-Barr-Virus. Dissertation Universität Bielefeld 2008.

### Diplomarbeiten

1. Gorges T, Dipl.-Biol., Funktionelle Untersuchung des cytosolischen Adapterproteins downstream of kinase-3 in B-Zellen. Diplomarbeit Universität Göttingen 2008.
2. Heemann C, Dipl.-Biol., Analyse spezifischer Signalmechanismen des mlgE-B-Zell-Antigenrezeptors. Diplomarbeit Universität Göttingen 2008.
3. Jäger JC, Dipl.-Biol., Analyse neuer Regulationsmechanismen des Latenten Membranproteins 2A des Epstein-Barr Virus in B-Lymphozyten. Diplomarbeit Universität Göttingen 2008.
4. Li X, Dipl.-Biol., Analysis of activity of SH2 domain-containing Inositol Phosphatase (SHIP) induced by B-cell antigen receptor (BCR). Diplomarbeit Universität Göttingen 2008.
5. Weigel I, Dipl.-Biol., Studien zur Signalleitung in antigeninduzierten B-Zellen in Abhängigkeit der unterschiedlichen Domänen des Adapterproteins SLP-65. Diplomarbeit Universität Göttingen 2008.

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**Masterarbeiten**

1. Bremes V (2008) Phosphorylation-dependent regulation of Lyn tyrosine kinase in inhibitory and activating BCR signaling. Universität Göttingen, MSc.