

**Abteilung "Zelluläre und Molekulare Immunologie"**

**Journalbeiträge**

1. Aung T, Chapuy B, Vogel D, Wenzel D, Oppermann M, Lahmann M, Weinlage T, Menck K, Hupfeld T, Koch R, Trümper L, Wulf GG (2011) Exosomal evasion of humoral immunotherapy in aggressive B-cell lymphoma modulated by ATP-binding cassette transporter A3. *P NATL ACAD SCI USA*, 108: 15336-41.
2. Baschant U, Frappart L, Rauchhaus U, Bruns L, Reichardt HM, Kamradt T, Bräuer R, Tuckermann JP (2011) Glucocorticoid therapy of antigen-induced arthritis depends on the dimerized glucocorticoid receptor in T cells. *P NATL ACAD SCI USA*, 108: 19317-22.
3. Bohnenberger H, Oellerich T, Engelke M, Hsiao HH, Urlaub H, Wienands J (2011) Complex phosphorylation dynamics control the composition of the Syk interactome in B cells. *EUR J IMMUNOL*, 41: 1550-62.
4. Danielyan L, Schäfer R, von Ameln-Mayerhofer A, Bernhard F, Verleysdonk S, Buadze M, Lourhmati A, Klopfer T, Schaumann F, Schmid B, Koehle C, Proksch B, Weissert R, Reichardt HM, van den Brandt J, Buniatian GH, Schwab M, Gleiter CH, Frey WH (2011) Therapeutic efficacy of intranasally delivered mesenchymal stem cells in a rat model of Parkinson disease. *REJUV RES*, 14: 3-16.
5. Dressel R (2011) Effects of histocompatibility and host immune responses on the tumorigenicity of pluripotent stem cells. *SEMIN IMMUNOPATHOL*, 33: 573-91.
6. Engels N, Wienands J (2011) The signaling tool box for tyrosine-based costimulation of lymphocytes. *CURR OPIN IMMUNOL*, 23: 324-9.
7. Khromov T, Pantakani DVK, Nolte J, Wolf M, Dressel R, Engel W, Zechner U (2011) Global and gene-specific histone modification profiles of mouse multipotent adult germline stem cells. *MOL HUM REPROD*, 17: 166-74.
8. Neumann K, Oellerich T, Heine I, Urlaub H, Engelke M (2011) Fc gamma receptor IIb modulates the molecular Grb2 interaction network in activated B cells. *CELL SIGNAL*, 23: 893-900.
9. Novota P, Zinöcker S, Norden J, Wang XN, Sviland L, Opitz L, Salinas-Riester G, Rolstad B, Dickinson AM, Walter L, Dressel R (2011) Expression profiling of major histocompatibility and natural killer complex genes reveals candidates for controlling risk of graft versus host disease. *PLOS ONE*, 6: e16582.
10. Oellerich T, Bremes V, Neumann K, Bohnenberger H, Dittmann K, Hsiao HH, Engelke M, Schnyder T, Batista FD, Urlaub H, Wienands J (2011) The B-cell antigen receptor signals through a preformed transducer module of SLP65 and CIN85. *EMBO J*, 30: 3620-34.
11. Sbiera S, Dexneit T, Reichardt SD, Michel KD, van den Brandt J, Schmall S, Kraus L, Beyer M, Mlynski R, Wortmann S, Allolio B, Reichardt HM, Fassnacht M (2011) Influence of short-term glucocorticoid therapy on regulatory T cells in vivo. *PLOS ONE*, 6: e24345.
12. Schnyder T, Castello A, Feest C, Harwood NE, Oellerich T, Urlaub H, Engelke M, Wienands J, Bruckbauer A, Batista FD (2011) B cell receptor-mediated antigen gathering requires ubiquitin ligase Cbl and adaptors Grb2 and Dok-3 to recruit dynein to the signaling microcluster. *IMMUNITY*, 34: 905-18.
13. Schweingruber N, Haine A, Tiede K, Karabinskaya A, van den Brandt J, Wüst S, Metselaar JM, Gold R, Tuckermann JP, Reichardt HM, Lühder F (2011) Liposomal encapsulation of glucocorticoids alters their mode of action in the treatment of experimental autoimmune encephalomyelitis. *J IMMUNOL*, 187: 4310-8.
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15. Stangl S, Gehrman M, Dressel R, Alves F, Dullin C, Themelis G, Ntziachristos V, Staebelin E, Walch A, Winkelmann I, Multhoff G (2011) In vivo imaging of CT26 mouse tumours by using cmHsp70.1 monoclonal antibody. *J CELL MOL MED*, 15: 874-87.
16. Stangl S, Gehrman M, Riegger J, Kuhs K, Riederer I, Sievert W, Hube K, Mocikat R, Dressel R, Kremmer E, Pockley AG, Friedrich L, Vigh L, Skerra A, Multhoff G (2011) Targeting membrane heat-shock protein 70 (Hsp70) on tumors by cmHsp70.1 antibody. *P NATL ACAD SCI USA*, 108: 733-8.
17. Tischner D, Theiss J, Karabinskaya A, van den Brandt J, Reichardt SD, Karow U, Herold MJ, Lühder F, Utermöhlen O, Reichardt HM (2011) Acid Sphingomyelinase Is Required for Protection of Effector Memory T Cells against Glucocorticoid-Induced Cell Death. *J IMMUNOL*, 187: 4509-16.
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20. Xu X, Pantakani DVK, Lührig S, Tan X, Khromov T, Nolte J, Dressel R, Zechner U, Engel W (2011) Stage-specific germ-cell marker genes are expressed in all mouse pluripotent cell types and emerge early during induced pluripotency. *PLOS ONE*, 6: e22413.

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21. Zinöcker S, Sviland L, Dressel R, Rolstad B (2011) Kinetics of lymphocyte reconstitution after allogeneic bone marrow transplantation: markers of graft-versus-host disease. J LEUKOCYTE BIOL, 90: 177-87.

**Zahnmedizinische Dissertationen**

1. Sperlich C, Dr. med., Anzucht, Aufreinigung und partielle Charakterisierung von Kleinen Virus-ähnlichen Partikeln des JC-Virus. Dissertation Universität Göttingen 2011.

**Naturwiss. u.a. nichtmed. Diss.**

1. Henzel K, Dr. rer. nat., Assembly of protein complexes involved in B lymphocyte signaling. Dissertation Tierärztliche Hochschule Hannover 2011.
2. Lösing M, Dr. rer. nat., Studies on adaptor proteins that shape antigen receptor-proximal signal transduction in B lymphocytes. Dissertation Universität Göttingen 2011.

**Diplomarbeiten**

1. Liebick M, Dipl.-Biol., Etablierung von CXCR4-Zelllinien zur Identifikation von Chemokinrezeptor-assoziierten Proteinen. Diplomarbeit Universität Göttingen 2011.