

Publikationen 2006 der Klinik für Kinder- und Jugendmedizin

- Bodles, A.M., Varma, V., Yao-Borengasser, A., Phanavanh, B., Peterson, C.A., McGehee, R.E., Jr., Rasouli, N., Wabitsch, M. & Kern, P.A. Pioglitazone induces apoptosis of macrophages in human adipose tissue. **J Lipid Res** 47, 2080-2088 (2006).
- Buch, T., Polic, B., Clausen, B.E., Weiss, S., Akilli-Ozturk, O., Chang, C.H., Flavell, R., Schulz, A., Jonjic, S., Waisman, A. & Forster, I. MHC class II expression through a hitherto unknown pathway supports T helper cell-dependent immune responses: implications for MHC class II deficiency. **Blood** 107, 1434-1444 (2006).
- Classen, C.F., Bird, P.I. & Debatin, K.M. Modulation of the granzyme B inhibitor proteinase inhibitor 9 (PI-9) by activation of lymphocytes and monocytes in vitro and by Epstein-Barr virus and bacterial infection. **Clin. Exp. Immunol.** 143, 534-542 (2006).
- Corbacioglu, S., Honig, M., Lahr, G., Stohr, S., Berry, G., Friedrich, W. & Schulz, A.S. Stem cell transplantation in children with infantile osteopetrosis is associated with a high incidence of VOD, which could be prevented with defibrotide. **Bone Marrow Transplant.** 38, 547-553 (2006).
- Corbacioglu, S., Kilic, M., Westhoff, M.A., Reinhardt, D., Fulda, S. & Debatin, K.M. Newly identified c-KIT receptor tyrosine kinase ITD in childhood AML induces ligand-independent growth and is responsive to a synergistic effect of imatinib and rapamycin. **Blood** 108, 3504-3513 (2006).
- Debatin, K.M. CD95 system counter attack and prognostic impact. **Onkologie** 29, 358-359 (2006).
- Debatin, K.M. & Fulda, S. *Apoptosis and cancer therapy*, Vol. 1. (Wiley-VCH, Weinheim; 2006).
- Efferth, T., Gillet, J.P., Sauerbrey, A., Zintl, F., Bertholet, V., de Longueville, F., Remacle, J. & Steinbach, D. Expression profiling of ATP-binding cassette transporters in childhood T-cell acute lymphoblastic leukemia. **Mol. Cancer Ther.** 5, 1986-1994 (2006).
- Eicken, A., Pensl, U., Sebening, W., Hager, A., Genz, T., Schreiber, C., Lang, D., Kaemmerer, H., Busch, R. & Hess, J. The fate of systemic blood pressure in patients after effectively stented coarctation. **Eur Heart J** 27, 1100-1105 (2006).
- Enders, A., Fisch, P., Schwarz, K., Duffner, U., Pannicke, U., Nikolopoulos, E., Peters, A., Orłowska-Volk, M., Schindler, D., Friedrich, W., Selle, B., Niemeyer, C. & Ehl, S. A severe form of human combined immunodeficiency due to mutations in DNA ligase IV. **J. Immunol.** 176, 5060-5068 (2006).
- Fischer-Posovszky, P., Hebestreit, H., Hofmann, A.K., Strauss, G., Moller, P., Debatin, K.M. & Wabitsch, M. Role of CD95-mediated adipocyte loss in autoimmune lipodystrophy. **J. Clin. Endocrinol. Metab.** 91, 1129-1135 (2006).
- Fuchs, H., von Baum, H., Meth, M., Wellinghausen, N., Lindner, W. & Hummler, H. CNS-manifestation of aspergillosis in an extremely low-birth-weight infant. **Eur. J. Pediatr.** 165, 476-480 (2006).
- Fulda, S. & Debatin, K.M. Resveratrol modulation of signal transduction in apoptosis and cell survival: a mini-review. **Cancer Detect. Prev.** 30, 217-223 (2006).
- Fulda, S. & Debatin, K.M. Signal transduction therapy targeting apoptosis pathways in cancers. **Curr. Signal Transduction Ther.** 1, 179-190 (2006).

- Fulda, S. & Debatin, K.M. Therapeutic Modulation of Apoptosis in Cancer Therapy, in *Apoptosis and Cancer Therapy*. (eds. S. Fulda & K.M. Debatin) 515-535 (Wiley-VCH, Weinheim; 2006).
- Fulda, S. & Debatin, K.M. Zellbiologie in *Pädiatrische Hämatologie und Onkologie* (eds. H. Gadner, G. Gaedicke, C.M. Niemeyer & J. Ritter) 454-471 (Springer, Heidelberg; 2006).
- Fulda, S. & Debatin, K.M. Targeting inhibitor of apoptosis proteins (IAPs) for diagnosis and treatment of human diseases. **Recent Pat Anticancer Drug Discov** 1, 81-89 (2006).
- Fulda, S. & Debatin, K.M. Resveratrol as inhibitor of cell survival signal transduction, in *Resveratrol in Health and Disease*. (eds. B.B. Aggarwal & S. Shishodia) 105-119 (CRC Press Taylor & Francis, Boca Raton; 2006).
- Fulda, S. & Debatin, K.M. 5-Aza-2'-deoxycytidine and IFN-gamma cooperate to sensitize for TRAIL-induced apoptosis by upregulating caspase-8. **Oncogene** 25, 5125-5133 (2006).
- Fulda, S. & Debatin, K.M. Extrinsic versus intrinsic apoptosis pathways in anticancer chemotherapy. **Oncogene** 25, 4798-4811 (2006).
- Fulda, S., Poremba, C., Berwanger, B., Hacker, S., Eilers, M., Christiansen, H., Hero, B. & Debatin, K.M. Loss of caspase-8 expression does not correlate with MYCN amplification, aggressive disease, or prognosis in neuroblastoma. **Cancer Res.** 66, 10016-10023 (2006).
- Goellner, S., Steinbach, D., Schenk, T., Gruhn, B., Zintl, F., Ramsay, E. & Saluz, H.P. Childhood acute myelogenous leukaemia: association between PRAME, apoptosis- and MDR-related gene expression. **Eur. J. Cancer** 42, 2807-2814 (2006).
- Heimpel, H., Schwarz, K., Ebnother, M., Goede, J.S., Heydrich, D., Kamp, T., Plaumann, L., Rath, B., Roessler, J., Schildknecht, O., Schmid, M., Wuillemin, W., Einsiedler, B., Leichtle, R., Tamary, H. & Kohne, E. Congenital dyserythropoietic anemia type I (CDA I): molecular genetics, clinical appearance, and prognosis based on long-term observation. **Blood** 107, 334-340 (2006).
- Herber-Jonat, S., Rieger-Fackeldey, E., Hummler, H. & Schulze, A. Adaptive mechanical backup ventilation for preterm infants on respiratory assist modes - a pilot study. **Intensive Care Med** 32, 302-308 (2006).
- Herber-Jonat, S., Schulze, A., Kribs, A., Roth, B., Lindner, W. & Pohlandt, F. Survival and major neonatal complications in infants born between 22 0/7 and 24 6/7 weeks of gestation (1999-2003). **Am. J. Obstet. Gynecol.** 195, 16-22 (2006).
- Honig, M. & Schwarz, K. Omenn syndrome: a lack of tolerance on the background of deficient lymphocyte development and maturation. **Curr. Opin. Rheumatol.** 18, 383-388 (2006).
- Hönig, M. & Schwarz, K. Schwerer kombinierter Immundefekt mit Nachweis von B-Zellen (T[-] B[+]SCID). **Allergologie** 29, 6 (2006).
- Hummler, H.D., Engelmann, A., Pohlandt, F. & Franz, A.R. Volume-controlled intermittent mandatory ventilation in preterm infants with hypoxemic episodes. **Intensive Care Med** 32, 577-584 (2006).
- Hummler, H.D., Engelmann, A., Pohlandt, F., Hogel, J. & Franz, A.R. Decreased accuracy of pulse oximetry measurements during low perfusion caused by sepsis: Is the perfusion index of any value? **Intensive Care Med** 32, 1428-1431 (2006).
- Hummler, H.D., Poets, C., Vochem, M., Hentschel, R. & Linderkamp, O. [Mortality and morbidity of very premature infants in Baden-Württemberg depending on hospital size. Is the current degree of regionalization adequate?]. **Z Geburtshilfe Neonatol** 210, 6-11 (2006).

- Hummler, H.D., Sander, E. & Schmid, S. [Data collection for quality assurance in neonatology: how do physicians compare to documentation specialists?]. **Z Geburtshilfe Neonatol** 210, 67-75 (2006).
- Johansson, L.E., Hoffstedt, J., Parikh, H., Carlsson, E., Wabitsch, M., Bondeson, A.G., Hedenbro, J., Tornqvist, H., Groop, L. & Ridderstrale, M. Variation in the adiponutrin gene influences its expression and associates with obesity. **Diabetes** 55, 826-833 (2006).
- Kaechele, V., Wabitsch, M., Thiere, D., Kessler, A.L., Haenle, M.M., Mayer, H. & Kratzer, W. Prevalence of gallbladder stone disease in obese children and adolescents: influence of the degree of obesity, sex, and pubertal development. **J Pediatr Gastroenterol Nutr** 42, 66-70 (2006).
- Karges, B., Durinovic-Bello, I., Heinze, E., Debatin, K.M., Boehm, B. & Karges, W. Immunological mechanisms associated with long-term remission of human type 1 diabetes. **Diabetes. Metab. Res. Rev.** 22, 184-189 (2006).
- Karges, B., Muche, R., Riegger, I., Moritz, M., Heinze, E., Debatin, K.M., Wabitsch, M. & Karges, W. Injection of acidic or neutral insulin and pain: a single-center, prospective, controlled, noninterventional study in pediatric patients with type 1 diabetes mellitus. **Clin. Ther.** 28, 2094-2101 (2006).
- Kim, R.J., Wilson, C.G., Wabitsch, M., Lazar, M.A. & Steppan, C.M. HIV protease inhibitor-specific alterations in human adipocyte differentiation and metabolism. **Obesity** (Silver Spring). 14:994-1002 (2006).
- Meyer, L.H., Karawajew, L., Schrappe, M., Ludwig, W.D., Debatin, K.M. & Stahnke, K. Cytochrome c-related caspase-3 activation determines treatment response and relapse in childhood precursor B-cell ALL. **Blood** 107, 4524-4531 (2006).
- Mihatsch, W.A., Hoegel, J. & Pohlandt, F. Prebiotic oligosaccharides reduce stool viscosity and accelerate gastrointestinal transport in preterm infants. **Acta Paediatr.** 95, 843-848 (2006).
- Nething K, Stroth S, Wabitsch M, Galm C, Rapp K, Brandstetter S, Berg S, Kresz A, Wartha O & JM, S. Primärprävention von Folgeerkrankungen des Übergewichts bei Kindern und Jugendlichen. **Deut Z Sportmed** 57, 42-45 (2006).
- Pauly, E., Fritzsching, B., Dechant, M., Fellenberg, J., Scheuerpflug, C.G. & Debatin, K.M. Analysis of the CD95 ligand gene in 20 children with autoimmune lymphoproliferative syndrome (ALPS). **Blood** 108, 3622-3623; author reply 3623 (2006).
- Pohlandt, F. Glutamate in current paediatric amino acid solutions is not toxic. **Acta Paediatr.** 95, 918-921 (2006).
- Reinehr, T., de Sousa, G. & Wabitsch, M. Changes of cardiovascular risk factors in obese children effects of inpatient and outpatient interventions. **J Pediatr Gastroenterol Nutr** 43, 506-511 (2006).
- Reinehr, T., de Sousa, G. & Wabitsch, M. Relationships of IGF-I and androgens to skeletal maturation in obese children and adolescents. **J Pediatr Endocrinol Metab** 19, 1133-1140 (2006).
- Riepe, F.G., Finkeldei, J., de Sanctis, L., Einaudi, S., Testa, A., Karges, B., Peter, M., Viemann, M., Grotzinger, J., Sippell, W.G., Fejes-Toth, G. & Krone, N. Elucidating the underlying molecular pathogenesis of NR3C2 mutants causing autosomal dominant pseudohypoaldosteronism type 1. **J. Clin. Endocrinol. Metab.** 91, 4552-4561 (2006).
- Siegfried, W., Kromeyer-Hauschild, K., Zabel, G., Siegfried, A., Wabitsch, M. & Holl, R.W. [Long-term inpatient treatment of extreme juvenile obesity: an 18-month catamnestic study].

MMW Fortschr Med. 148:39-41 (2006).

- Thome, U.H., Bischoff, A., Maier, L., Pohlandt, F. & Trotter, A. Amiloride-sensitive nasal potential difference is not changed by estradiol and progesterone replacement but relates to BPD or death in a randomized trial on preterm infants. **Pediatr. Res.** 60, 619-623 (2006).
- Thome, U.H., Carroll, W., Wu, T.J., Johnson, R.B., Roane, C., Young, D. & Carlo, W.A. Outcome of extremely preterm infants randomized at birth to different PaCO₂ targets during the first seven days of life. **Biol. Neonate** 90, 218-225 (2006).
- Trotter, A., Ebsen, M., Kiossis, E., Meggle, S., Kueppers, E., Beyer, C., Pohlandt, F., Maier, L. & Thome, U.H. Prenatal estrogen and progesterone deprivation impairs alveolar formation and fluid clearance in newborn piglets. **Pediatr. Res.** 60, 60-64 (2006).
- Wabitsch, M. [Obesity in children and adolescents: current recommendations for prevention and treatment]. **Internist (Berl)** 47, 130-140 (2006).
- Wabitsch, M. Adipositas - Referenzbereiche für Leptin und Adiponektin - Kampagnen gegen die Diskriminierung der Betroffenen. **Pädiatrische Praxis.** 68:428-430 (2006).
- Wenger, T., Mattern, J., Penzel, R., Gassler, N., Haas, T.L., Sprick, M.R., Walczak, H., Krammer, P.H., Debatin, K.M. & Herr, I. Specific resistance upon lentiviral TRAIL transfer by intracellular retention of TRAIL receptors. **Cell Death Differ.** 13, 1740-1751 (2006).
- Zhang, C., Beckermann, B., Kallifatidis, G., Liu, Z., Rittgen, W., Edler, L., Buchler, P., Debatin, K.M., Buchler, M.W., Friess, H. & Herr, I. Corticosteroids induce chemotherapy resistance in the majority of tumour cells from bone, brain, breast, cervix, melanoma and neuroblastoma. **Int. J. Oncol.** 29, 1295-1301 (2006).
- Zhang, C., Kolb, A., Buchler, P., Cato, A.C., Mattern, J., Rittgen, W., Edler, L., Debatin, K.M., Buchler, M.W., Friess, H. & Herr, I. Corticosteroid co-treatment induces resistance to chemotherapy in surgical resections, xenografts and established cell lines of pancreatic cancer. **BMC Cancer** 6, 61 (2006).
- Zhang, C., Marme, A., Wenger, T., Gutwein, P., Edler, L., Rittgen, W., Debatin, K.M., Altevogt, P., Mattern, J. & Herr, I. Glucocorticoid-mediated inhibition of chemotherapy in ovarian carcinomas. **Int. J. Oncol.** 28, 551-558 (2006).
- Zhang, C., Mattern, J., Haferkamp, A., Pfitzenmaier, J., Hohenfellner, M., Rittgen, W., Edler, L., Debatin, K.M., Groene, E. & Herr, I. Corticosteroid-induced chemotherapy resistance in urological cancers. **Cancer Biol. Ther.** 5, 59-64 (2006).