Curriculum Vitae

Personal data

Name	Michael H. Albert, Priv. Doz. Dr. med.
Date and place of birth	07/16/1970, Sta Monica, CA, USA
Nationality	German and US
Familiy status	married to: Annette Albert, Dr. med.
	daughter Luisa (15)
	son David (11)
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Work focus

Current position

Head of the pediatric stem cell transplantation unit at the Dr. von Haunersches University Children's Hospital, Munich (Director: C. Klein), key interest: treatment of inborn errors with allogeneic stem cell transplantation.
Attending physician of the Pediatric Hematology/Oncology service, key interest: clinical phase II/III studies.

Research

Head of the research group „transplantation immunology" at the Dr. von Haunersches University Children's Hospital, Munich (Director: C. Klein).
Biology of human regulatory T-cells:

- in vitro generation of regulatory T-cells for adoptive immunotherapy.
- regulation of the transcription factor Foxp3 in human regulatory T-cells.

The role of microRNA in the homeostasis of regulatory T-cells.
New strategies for the newborn screening of primary immunodeficiencies.

Teaching

MeCum module V, pediatrics.
Bed-side teaching, tutorials, seminars.
Seminars: „Breaking bad news", Pediatric Hematology/Oncology, Pediatric tumour board, Scientific research in pediatrics.
Mentoring of graduate students (two completed theses, two current candidates)

Education

1980 - 1989	High school, Feodor-Lynen Gymnasium, Planegg
1990 - 1997	Medical School, Ludwig-Maximilians-University, Munich

Work experience

1997 - 2002 and since 2004	Medical training in general pediatrics and pediatric hematology/oncology, Dr. von Haunersches University Children's Hospital, Munich (Since 2001 exclusively in oncology/hematology)
1998	**Doctorate degree**: „The influence of epidermal growth factor (EGF) on Na^+/H^+-exchange in the parietal cell – the role of MAP kinases" Eberhard-Karls-University, Tübingen
1999 – 2002 and since 2004	Assistant supervisor of the laboratory for immune diagnostics, Dr. von Haunersches University Children's Hospital, Munich (former director: Prof. Belohradsky).
since 2008	Co-supervisor (together with E.D. Renner)
2000 - 2002 and since 2004	Head supervisor of the laboratory for leukemia diagnostics and stem cell processing, Dr. von Haunersches University Children's Hospital, Munich
2002 - 2004	**Postdoctoral Research Fellow at the Fred Hutchinson Cancer Research Center, Seattle, Wa, USA**, group of C. Anasetti, MD
since 2004	**Head of the research group „transplantation immunology"** at the Dr. von Haunersches University Children's Hospital, Munich. Research focus: biology of human, regulatory T-cells.
2006	**Board accreditation („Facharzt") for Pediatrics**
since 2006	**Attending physician at the department for pediatric hematology and oncology** at the Dr. von Haunersches University Children's Hospital, Munich Participation as P.I. and sub P.I. in several phase II/III clinical trials
since 2008	**Head of the pediatric stem cell transplantation unit** at the Dr. von Haunersches University Children's Hospital, Munich
2009	**„Habilitation"** in Pediatrics at the Ludwig-Maximilians-University, Munich: „Induction of transplantation tolerance in the context of hematopoietic stem cell

	transplantation“ Currently assistant professor at the Ludwig-Maximilians-University, Munich.
2010	**GCP training** (“Prüfarztkurs”, refreshed in 2012)
2010	**Specialist in Pediatric Hematology/Oncology,** Bayerische Landesärztekammer

Awards

2011	Publication award of the ESID registry (European Society for Immunodeficiencies) for the publication: “X-linked thrombocytopenia (XLT) due to WAS mutations: clinical characteristics, long-term outcome, and treatment options.”
2006	“Best abstract award – basic science” of the American Society for Blood and Marrow Transplantation (ASBMT) for the abstract: “Antigen-Dependent Suppression of Graft-versus-Host Disease by Foxp3-Induced Regulatory T-Cells in Transplantation”
2006	Award of the “Gesellschaft für Pädiatrische Onkologie und Hämatologie” (GPOH, German society for Pediatric Hematology/Oncology) for the publication „Prevention of lethal acute GVHD with an agonistic CD28 antibody and rapamycin“

Supervision of doctoral candidates

2007-2009	Tanja Bittner: Evaluation of the clinical spectrum of X-linked thrombocytopenia – implications for new therapeutic standards?
2009-2012	Theresia Wijaya-Kusuma: Clinical-genetic definition and classification of chronic mucocutaneous candidiasis (CMC).
since 2010	Joachim Mannert: The role of microRNA in the homeostasis of regulatory T-cells.
since 2011	Susanne Aydin: Clinical phenotype and therapeutic management of DOCK8 deficiency.

Member of the following societies

ASBMT	American Society for Blood and Marrow Transplantation
EBMT	European Group for Blood and Marrow Transplantation
ESID	European Society for Immunodeficiency Diseases
GPOH	German society for Pediatric Hematology/Oncology
Päd AG KBT	Pediatric working group blood and stem cell transplantation

Publication list

Original Articles

1 T Güngör, P Teira, M Slatter, G Stussi, P Stepensky, D Moshous, C Vermont, I Ahmad, P Shaw, J Marcos Telles da Cunha, P Schlegel, R Hough, A Fasth, K Kentouche, B Gruhn, J Fernandes, S Lachance, R Bredius, I Resnick, B Belohradsky, A Gennery, A Fischer, B Gaspar, U Schanz, R Seger, K Rentsch, P Veys, E Haddad, **M H Albert*,** M Hassan*. Reduced-intensity conditioning and HLA-matched haemopoietic stem-cell transplantation in patients with chronic granulomatous disease: a prospective multicentre study. 2013, *Lancet*, Early Online Publication, 23 October 2013doi:10.1016/S0140-6736(13)62069-3. *: contributed equally. IF 39,060

2 C. Speckmann, K. Lehmberg, **M.H. Albert**, R.B. Damgaard, M. Fritsch, M. Gyrd-Hansen, A. Rensing-Ehl, T. Vraetz, B. Grimbacher, U. Salzer, I. Fuchs, H. Ufheil, B.H. Belohradsky, A. Hassan, C.M. Cale, M. Elawad, B. Strahm, S. Schibli, M. Lauten, M. Kohl, J.J. Meerpohl, B. Rodeck, R. Kolb, W. Eberl, J. Soerensen, H. von Bernuth, M. Lorenz, K. Schwarz, U. Zur Stadt, S. Ehl, X-linked inhibitor of apoptosis (XIAP) deficiency: The spectrum of presenting manifestations beyond hemophagocytic lymphohistiocytosis, Clin Immunol, 149 (2013) 133-141. IF: 3,771

3 L.F. Schimke, N. Rieber, S. Rylaarsdam, O. Cabral-Marques, N. Hubbard, A. Puel, L. Kallmann, S.A. Sombke, G. Notheis, H.P. Schwarz, B. Kammer, T. Hokfelt, R. Repp, C. Picard, J.L. Casanova, B.H. Belohradsky, **M.H. Albert**, H.D. Ochs, E.D. Renner, T.R. Torgerson, A novel gain-of-function IKBA mutation underlies ectodermal dysplasia with immunodeficiency and polyendocrinopathy, J Clin Immunol, 33 (2013) 1088-1099. IF: 3,382

4 J.E. Murray, L.S. Bicknell, G. Yigit, A.L. Duker, M. van Kogelenberg, S. Haghayegh, D. Wieczorek, H. Kayserili, **M.H. Albert**, C.A. Wise, J. Brandon, T. Kleefstra, A. Warris, M. van der Flier, J.S. Bamforth, K. Doonanco, L. Ades, A. Ma, M. Field, D. Johnson, F. Shackley, H. Firth, C.G. Woods, P. Nurnberg, R.A. Gatti, M. Hurles, M.B. Bober, B. Wollnik, A.P. Jackson, Extreme Growth Failure is a Common Presentation of Ligase IV Deficiency, Hum Mutat, (2013). IF: 5,213

5 V. Icheva, S. Kayser, D. Wolff, S. Tuve, C. Kyzirakos, W. Bethge, J. Greil, **M.H. Albert**, W. Schwinger, M. Nathrath, M. Schumm, S. Stevanovic, R. Handgretinger, P. Lang, T. Feuchtinger, Adoptive transfer of epstein-barr virus (EBV) nuclear antigen 1-specific t cells as treatment for EBV reactivation and lymphoproliferative disorders after allogeneic stem-cell transplantation, Journal of clinical oncology : official journal of the American Society of Clinical Oncology, 31 (2013) 39-48. IF: 18,018

6 Mizesko, M. C., P. P. Banerjee, L. Monaco-Shawver, E. M. Mace, W. E. Bernal, J. Sawalle-Belohradsky, B. H. Belohradsky, V. Heinz, A. F. Freeman, K. E. Sullivan, S. M. Holland, T. R. Torgerson, W. Al-Herz, J. Chou, I. C. Hanson, **M. H. Albert**, R. S. Geha, E. D. Renner, and J. S. Orange. 2013. Defective actin accumulation impairs human natural killer cell function in patients with dedicator of cytokinesis 8 deficiency. *J Allergy Clin Immunol* 131:840-848. IF 9,773

7 Hartrampf, S., J. A. Dudakov, L. K. Johnson, O. M. Smith, J. Tsai, N. V. Singer, M. L. West, A. M. Hanash, **M. H. Albert**, B. Liu, M. Toth, and M. R. van den Brink. 2013. The central nervous system is a target of acute graft versus host disease in mice. *Blood* 121:1906-1910. IF 10,432

8 Beier, R., **M. H. Albert**, P. Bader, A. Borkhardt, U. Creutzig, M. Eyrich, K. Ehlert, B. Gruhn, J. Greil, R. Handgretinger, W. Holter, T. Klingebiel, B. Kremens, P. Lang, C. Mauz-Korholz, R. Meisel, I. Muller, C. Peters, D. Reinhardt, P. Sedlacek, A. Schulz, F. R. Schuster, A. Schrauder, B. Strahm, K. W. Sykora, W. Wossmann, M. Zimmermann, and M. G. Sauer. 2012. Allo-SCT using BU, CY and melphalan for children with AML in second CR. *Bone Marrow Transplant*. IF 3,400

9 Boztug, H., C. Karitnig-Weiss, B. Ausserer, E. D. Renner, **M. H. Albert**, J. Sawalle-Belohradsky, B. H. Belohradsky, G. Mann, E. Horcher, A. Rummele-Waibel, R. Geyeregger, K. Lakatos, C. Peters, A. Lawitschka, and S. Matthes-Martin. 2012. Clinical and immunological correction of DOCK8 deficiency by allogeneic hematopoietic stem cell transplantation following a reduced toxicity conditioning regimen. *Pediatr Hematol Oncol* 29:585-594. 1.176

10 Icheva, V., S. Kayser, D. Wolff, S. Tuve, C. Kyzirakos, W. Bethge, J. Greil, **M. H. Albert**, W. Schwinger, M. Nathrath, M. Schumm, S. Stevanovic, R. Handgretinger, P. Lang, and T. Feuchtinger. 2013. Adoptive transfer of epstein-barr virus (EBV) nuclear antigen 1-specific t cells as treatment for EBV reactivation and lymphoproliferative disorders after allogeneic stem-cell transplantation. *J Clin Oncol* 31:39-48. IF: 17.157

11 Pfluger, T., H. I. Melzer, W. P. Mueller, E. Coppenrath, P. Bartenstein, **M. H. Albert**, and I. Schmid. 2012. Diagnostic value of combined (1)(8)F-FDG PET/MRI for staging and restaging in paediatric oncology. *Eur J Nucl Med Mol Imaging* 39:1745-1755. IF: 4,532

12 Magg, T., Mannert, J., Ellwart, J.W., Schmid, I., **Albert, M.H..** Subcellular localization patterns of FOXP3 in human regulatory and non-regulatory T cells. *Eur J Immunol* 2012. Jun;42(6):1627-38. IF 4,865

13 Schmid, I., Haberle, B., **Albert, M. H.,** Corbacioglu, S., Frohlich, B., Graf, N., Kammer, B., Kontny, U., Leuschner, I., Scheel-Walter, H. G., Scheurlen, W., Werner, S., Wiesel, T. and von Schweinitz, D., Sorafenib and cisplatin/doxorubicin (PLADO) in pediatric hepatocellular carcinoma. *Pediatr Blood Cancer* 2011. Sep 15. IF 2,394

14 Rettinger, E., Willasch, A. M., Kreyenberg, H., Borkhardt, A., Holter, W., Kremens, B., Strahm, B., Woessmann, W., Mauz-Koerholz, C., Gruhn, B., Burdach, S., **Albert, M. H.**, Schlegel, P. G., Klingebiel, T. and Bader, P., Preemptive immunotherapy in childhood acute myeloid leukemia for patients showing evidence of mixed chimerism after allogeneic stem cell transplantation. *Blood* 2011. 118: 5681-5688. IF 10,432

15 Mynarek, M., Tolar, J., **Albert, M. H.**, Escolar, M. L., Boelens, J. J., Cowan, M. J., Finnegan, N., Glomstein, A., Jacobsohn, D. A., Kuhl, J. S., Yabe, H., Kurtzberg, J., Malm, D., Orchard, P. J., Klein, C., Lucke, T. and

Sykora, K. W., Allogeneic hematopoietic SCT for alpha-mannosidosis: an analysis of 17 patients. *Bone Marrow Transplant* 2011. IF 3,400

16 Moratto, D., Giliani, S., Bonfim, C., Mazzolari, E., Fischer, A., Ochs, H. D., Cant, A. J., Thrasher, A. J., Cowan, M. J., **Albert, M. H.**, Small, T., Pai, S. Y., Haddad, E., Lisa, A., Hambleton, S., Slatter, M., Cavazzana-Calvo, M., Mahlaoui, N., Picard, C., Torgerson, T. R., Burroughs, L., Koliski, A., Neto, J. Z., Porta, F., Qasim, W., Veys, P., Kavanau, K., Honig, M., Schulz, A., Friedrich, W. and Notarangelo, L. D., Long-term outcome and lineage-specific chimerism in 194 patients with Wiskott-Aldrich syndrome treated by hematopoietic cell transplantation in the period 1980-2009: an international collaborative study. *Blood* 2011. 118: 1675-1684. IF 10,432

17 Melzer, H. I., Coppenrath, E., Schmid, I., **Albert, M. H.,** von Schweinitz, D., Tudball, C., Bartenstein, P. and Pfluger, T., (1)(2)(3)I-MIBG scintigraphy/SPECT versus (1)F-FDG PET in paediatric neuroblastoma. *Eur J Nucl Med Mol Imaging* 2011. 38: 1648-1658. IF: 4,532

18 Hubel, K., Fresen, M. M., Salwender, H., Basara, N., Beier, R., Theurich, S., Christopeit, M., Bogner, C., Galm, O., Hartwig, R., Heits, F., Lordick, F., Rosler, W., Wehler, D., Zander, A. R., **Albert, M. H.**, Dressler, S., Ebinger, M., Frickhofen, N., Hertenstein, B., Kiehl, M., Liebler, S., von Lilienfeld-Toal, M., Weidmann, E., Weigelt, C., Lange, F. and Kroger, N., Plerixafor with and without chemotherapy in poor mobilizers: results from the German compassionate use program. *Bone Marrow Transplant* 2011. 46: 1045-1052. IF 3,400

19 Booth, C., Gilmour, K. C., Veys, P., Gennery, A. R., Slatter, M. A., Chapel, H., Heath, P. T., Steward, C. G., Smith, O., O'Meara, A., Kerrigan, H., Mahlaoui, N., Cavazzana-Calvo, M., Fischer, A., Moshous, D., Blanche, S., Pachlopnick-Schmid, J., Latour, S., de Saint-Basile, G., **Albert, M.**, Notheis, G., Rieber, N., Strahm, B., Ritterbusch, H., Lankester, A., Hartwig, N. G., Meyts, I., Plebani, A., Soresina, A., Finocchi, A., Pignata, C., Cirillo, E., Bonanomi, S., Peters, C., Kalwak, K., Pasic, S., Sedlacek, P., Jazbec, J., Kanegane, H., Nichols, K. E., Hanson, I. C., Kapoor, N., Haddad, E., Cowan, M., Choo, S., Smart, J., Arkwright, P. D. and Gaspar, H. B., X-linked lymphoproliferative disease due to SAP/SH2D1A deficiency: a multicenter study on the manifestations, management and outcome of the disease. *Blood* 2011. 117: 53-62. IF 10,432

20 Bittner, T. C., Pannicke, U., Renner, E. D., Notheis, G., Hoffmann, F., Belohradsky, B. H., Wintergerst, U., Hauser, M., Klein, B., Schwarz, K., Schmid, I. and **Albert, M. H.**, Successful long-term correction of autosomal recessive hyper-IgE syndrome due to DOCK8 deficiency by hematopoietic stem cell transplantation. *Klin Padiatr* 2010. 222: 351-355. IF: 1,546

21 **Albert, M. H.,** Gennery, A. R., Greil, J., Cale, C. M., Kalwak, K., Kondratenko, I., Mlynarski, W., Notheis, G., Fuhrer, M., Schmid, I. and Belohradsky, B. H., Successful SCT for Nijmegen breakage syndrome. Bone Marrow Transplant 2010. 45: 622-626. IF 3,400

22 Alberer, M., Hoefele, J., Bergmann, C., Hartrampf, S., Hilberath, J., Pawlita, I., **Albert, M. H.**, Benz, M. R., Weber, L. T. and Schmid, I., Reduced methotrexate clearance and renal impairment in a boy with osteosarcoma and earlier undetected autosomal dominant polycystic kidney disease (ADPKD). *J Pediatr Hematol Oncol* 2010. 32: e314-316. IF: 1,176

23 **Albert, M. H.,** Bittner, T. C., Nonoyama, S., Notarangelo, L. D., Burns, S., Imai, K., Espanol, T., Fasth, A., Pellier, I., Strauss, G., Morio, T., Gathmann, B., Noordzij, J. G., Fillat, C., Hoenig, M., Nathrath, M., Meindl, A., Pagel, P., Wintergerst, U., Fischer, A., Thrasher, A. J., Belohradsky, B. H. and Ochs, H. D., X-linked thrombocytopenia (XLT) due to WAS mutations: clinical characteristics, long-term outcome, and treatment options. *Blood* 2010. 115: 3231-3238. IF 10,432

24 Pannicke, U., Honig, M., Schulze, I., Rohr, J., Heinz, G. A., Braun, S., Janz, I., Rump, E. M., Seidel, M. G., Matthes-Martin, S., Soerensen, J., Greil, J., Stachel, D. K., Belohradsky, B. H., **Albert, M. H.,** Schulz, A., Ehl, S., Friedrich, W. and Schwarz, K., The most frequent DCLRE1C (ARTEMIS) mutations are based on homologous recombination events. *Hum Mutat* 2010. 31: 197-207.5. IF 7,033

25 Freudenberg, F., Wintergerst, U., Roesen-Wolff, A., **Albert, M. H.,** Prell, C., Strahm, B., Koletzko, S., Ehl, S., Roos, D., Tommasini, A., Ventura, A., Belohradsky, B. H., Seger, R., Roesler, J. and Gungor, T., Therapeutic strategy in p47-phox deficient chronic granulomatous disease presenting as inflammatory bowel disease. *J Allergy Clin Immunol* 2010. 125: 943-946 e941. IF 9,773

26 Magg, T., Hartrampf, S. and **Albert, M. H.,** Stable nonviral gene transfer into primary human T cells. *Hum Gene Ther* 2009. 20: 989-998. IF 4,104

27 McCarl, C. A., Picard, C., Khalil, S., Kawasaki, T., Rother, J., Papolos, A., Kutok, J., Hivroz, C., LeDeist, F., Plogmann, K., Ehl, S., Notheis, G., **Albert, M. H.,** Belohradsky, B. H., Kirschner, J., Rao, A., Fischer, A. and Feske, S., ORAI1 deficiency and lack of store-operated Ca2+ entry cause immunodeficiency, myopathy, and ectodermal dysplasia. *Journal of Allergy and Clinical Immunology* 2009. 124: 1311-1318. IF 9,773

28 Griffith, L. M., Cowan, M. J., Notarangelo, L. D., Puck, J. M., Buckley, R. H., Candotti, F., Conley, M. E., Fleisher, T. A., Gaspar, H. B., Kohn, D. B., Ochs, H. D., O'Reilly, R. J., Rizzo, J. D., Roifman, C. M., Small, T. N. and Shearer, W. T., **Workshop participants (Albert, M.H.** et al**)**, Improving cellular therapy for primary immune deficiency diseases: recognition, diagnosis, and management. *J Allergy Clin Immunol* 2009. 124: 1152-1160 e1112. IF 9,773

29 Schmid, I., Stachel, D., Pagel, P. and **Albert, M. H.,** Incidence, predisposing factors, and outcome of engraftment syndrome in pediatric allogeneic stem cell transplant recipients. *Biol Blood Marrow Transplant* 2008. 14: 438-444. IF 3,732

30 **Albert, M. H.,** Yu, X. Z. and Magg, T., Ethylenecarbodiimide-coupled allogeneic antigen presenting cells induce human CD4+ regulatory T cells. *Clin Immunol* 2008. 129: 381-393. IF 3,606

31 Stachel, D., **Albert, M.,** Meilbeck, R., Paulides, M. and Schmid, I., Expression of angiogenic factors in childhood B-cell precursor acute lymphoblastic leukemia. *Oncol Rep* 2007. 17: 147-152. IF 1,524

32 Magg, T. and **Albert, M. H.,** Tracking cell proliferation using the far red fluorescent dye SNARF-1. *Cytometry B Clin Cytom* 2007. 72: 458-464. IF 2,629

33 Jarius, S., Eichhorn, P., **Albert, M. H.,** Wagenpfeil, S., Wick, M., Belohradsky, B. H., Hohlfeld, R., Jenne, D. E. and Voltz, R., Intravenous immunoglobulins contain naturally occurring antibodies that mimic

antineutrophil cytoplasmic antibodies and activate neutrophils in a TNFalpha-dependent and Fc-receptor-independent way. *Blood* 2007. 109: 4376-4382. IF 10,432

34 Honig, M., **Albert, M. H.,** Schulz, A., Sparber-Sauer, M., Schutz, C., Belohradsky, B., Gungor, T., Rojewski, M. T., Bode, H., Pannicke, U., Lippold, D., Schwarz, K., Debatin, K. M., Hershfield, M. S. and Friedrich, W., Patients with adenosine deaminase deficiency surviving after hematopoietic stem cell transplantation are at high risk of CNS complications. *Blood* 2007. 109: 3595-3602. IF 10,432

35 **Albert, M. H.,** Notheis, G., Wintergerst, U., Born, C. and Schneider, K., "Hair-on-end" skull induced by long-term G-CSF treatment in severe congenital neutropenia. *Pediatr Radiol* 2007. 37: 221-224. IF 1,186

36 **Albert, M. H.,** Becker, B., Schuster, F. R., Klein, B., Binder, V., Adam, K., Nienhoff, C., Fuhrer, M. and Borkhardt, A., Oral graft vs. host disease in children--treatment with topical tacrolimus ointment. *Pediatr Transplant* 2007. 11: 306-311. IF 1,862

37 Yu, X. Z., **Albert, M. H.** and Anasetti, C., Alloantigen affinity and CD4 help determine severity of graft-versus-host disease mediated by CD8 donor T cells. *J Immunol* 2006. 176: 3383-3390. IF 6,000

38 Stojanov, S., Hoffmann, F., Kery, A., Renner, E. D., Hartl, D., Lohse, P., Huss, K., Fraunberger, P., Malley, J. D., Zellerer, S., **Albert, M. H.** and Belohradsky, B. H., Cytokine profile in PFAPA syndrome suggests continuous inflammation and reduced anti-inflammatory response. *Eur Cytokine Netw* 2006. 17: 90-97. IF 2,984

39 Stachel, D., **Albert, M.,** Meilbeck, R., Kreutzer, B., Haas, R. J. and Schmid, I., Bone marrow Th2 cytokine expression as predictor for relapse in childhood acute lymphoblastic leukemia (ALL). *Eur J Med Res* 2006. 11: 102-113. IF 1,040

40 Schmid, I., Schmitt, M., Streiter, M., Meilbeck, R., **Albert, M. H.,** Reinhardt, D. and Stachel, D., Parenteral nutrition is not superior to replacement fluid therapy for the supportive treatment of chemotherapy induced oral mucositis in children. *Eur J Cancer* 2006. 42: 205-211. IF 4,475

41 Binder, V., **Albert, M. H.,** Kabus, M., Bertone, M., Meindl, A. and Belohradsky, B. **H.,** The genotype of the original Wiskott phenotype. *N Engl J Med* 2006. 355: 1790-1793. IF 50,017

42 Renner, E. D., Pawlita, I., Hoffmann, F., Hornung, V., Hartl, D., **Albert, M.,** Jansson, A., Endres, S., Hartmann, G., Belohradsky, B. H. and Rothenfusser, S., No Indication for a Defect in Toll-Like Receptor Signaling in Patients with Hyper-IgE Syndrome. *J Clin Immunol* 2005. 25: 321-328. IF 3,248

43 Hoffmann, F.*, **Albert, M. H.*,** Arenz, S., Bidlingmaier, C., Berkowicz, N., Sedlaczek, S., Till, H., Pawlita, I., Renner, E. D., Weiss, M. and Belohradsky, B. H., Intracellular T-cell cytokine levels are age-dependent in healthy children and adults. *Eur Cytokine Netw* 2005. 16: 283-288. *: contributed equally. IF 2,984

44 **Albert, M. H.,** Yu, X. Z., Martin, P. J. and Anasetti, C., Prevention of lethal acute GVHD with an agonistic CD28 antibody and rapamycin. *Blood* 2005. 105: 1355-1361. IF 10,432

45 **Albert, M. H.,** Liu, Y., Anasetti, C. and Yu, X. Z., Antigen-dependent suppression of alloresponses by Foxp3-induced regulatory T cells in transplantation. *Eur J Immunol* 2005. 35: 2598-2607. IF 4,865

46 Yu, X. Z., **Albert, M. H.,** Martin, P. J. and Anasetti, C., CD28 ligation induces transplantation tolerance by IFN-gamma-dependent depletion of T cells that recognize alloantigens. *J Clin Invest* 2004. 113: 1624-1630. IF 16,559

47 **Albert, M. H.,** Schuster, F., Peters, C., Schulze, S., Pontz, B. F., Muntau, A. C., Roschinger, W., Stachel, D. K., Enders, A., Haas, R. J. and Schmid, I., T-cell-depleted peripheral blood stem cell transplantation for alpha-mannosidosis. *Bone Marrow Transplant* 2003. 32: 443-446. IF 3,400

48 Wiedemann, A., Linder, S., Grassl, G., **Albert, M.,** Autenrieth, I. and Aepfelbacher, M., Yersinia enterocolitica invasin triggers phagocytosis via beta1 integrins, CDC42Hs and WASp in macrophages. *Cell Microbiol* 2001. 3: 693-702. IF 5,598

49 Bauer, M., **Albert, M.,** Schmid, I. and Haas, R. J., Therapieresistenter Hautausschlag bei einem Säugling. *Monatsschr Kinderheilkd* 1999. 147: 1112-1113. IF 0,269

50 Seidler, U., Roithmaier, S., Hubner, M., Lamprecht, G., Römer, S., Siegel, W., **Albert, M.,** Gaillinger, H. and Classen, M., Säureproduktion und Regulation des intrazellulären pH in der Parietalzelle. *Z Gastroenterolog* 1994. 32: 22-26. IF 0,880

Review Articles

1 **Albert, M. H.,** Notarangelo, L. D. and Ochs, H. D., Clinical spectrum, pathophysiology and treatment of the Wiskott-Aldrich syndrome. Curr Opin Hematol 2011. 18: 42-48. IF: 4,779

2 **Albert, M. H.,** L.J., K., Rieber, N., Schimke, L. F., Notheis, G. and Renner, E. D., [Elevated serum-IgE and eczema – allergic disease or primary immunodeficiency?]. *Pädiatrische Allergologie* 2010. **13**: 32-37.

3 Renner, E. D., Rieber, N., Klein, C. and **Albert, M. H.,** Congenital immune defects as examples of multisystem diseases. *Monatsschrift Kinderheilkunde* 2009. 157: 870-877. IF 0,269

4 **Albert, M. H.,** Anasetti, C. and Yu, X. Z., T regulatory cells as an immunotherapy for transplantation. *Expert Opin Biol Ther* 2006. 6: 315-324. IF 3,475

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