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(* 1946)

Charité Universitätsmedizin Berlin, Campus Mitte
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Curriculum vitae:

- since 2006 Director "Research Center ImmunoSciences" at Charité
- since 2005 Spokesman of the Collaborative Research Center (SFB650) "Cellular approaches to a suppression of unwanted immune reactions"
- since 1998 C3-professorship for Experimental Rheumatology at the Charité Berlin, Med. Klinik
- 1996-2000 Member of the Scientific Advisory Board of the German Society of Immunology
- 1994 Apl professorship at Med. Fakultät Universität Hamburg
- 1992-2005 Chair of the "Arbeitskreis Adhäsionsmoleküle" in the German Society of Immunology
- 1986/87 "Habilitation"/venia legendi for Immun-und Zellbiologie; FB Biologie d. Univ. Hamburg
- 1976-1998 Research on adhesion molecules and lymphocyte homing at Dept. Immunology, University Hospital Eppendorf, Hamburg
- 1974-1976 Research on virus receptors at the Heinrich-Pette-Institut, Hamburg
- 1973 - 1974 Research on insect hormones at the Institute for Zoology, TH Darmstadt
- 1966-1973 Study of biology at the Free University Berlin; 1973 PhD

Research fields

Our group is active in the field of cellular immunology, inflammation and immune regulation, with the following major areas:

- Immunoregulation, notably properties and function of regulatory T cells in inflammation and autoimmunity and tolerance induction
- Topographical memory of T cells ("homing") and its molecular regulation by epigenetic mechanisms
- Molecular mechanisms of lymphocyte trafficking, especially the role of selectins, integrins and chemokine receptors in recirculation and inflammation

10 most important publications (format: J.Exp.Med.):

1. Feuerer, M., K. Eulenburg, C. Loddenkemper, A. **Hamann**, and J. Huehn. 2006. Self-Limitation of Th1-Mediated Inflammation by IFN- γ . J Immunol 176:2857-2863. (IF 6,4)
2. Siegmund, K., M. Feuerer, C. Siewert, S. Ghani, U. Haubold, A. Dankof, V. Krenn, M.P. Schön, A. Scheffold, J. Lowe, A. **Hamann**, U. Syrbe, and J. Huehn. 2005. Migration matters: regulatory T cell compartmentalization determines suppressive activity in vivo. Blood 106:3097-3104. (IF 10,1)
3. Syrbe, U., S. Jennrich, A. Schottelius, A. Richter, A. Radbruch, and **A. Hamann**. 2004. Differential regulation of P-selectin ligand expression in naïve versus memory T cells: evidence for epigenetic regulation of involved glycosyltransferase genes. Blood 104:3243-3248. (IF 10,1)
4. Huehn, J., K. Siegmund, J. Lehmann, C. Siewert, U. Haubold, M. Feuerer, G.F. Debes, J. Lauber, O. Frey, G.K. Przybylski, U. Niesner, M.d.l. Rosa, C.A. Schmidt, R. Bräuer, J. Buer, A. Scheffold, and **A. Hamann**. 2004. Developmental stage, phenotype and migration distinguish naive- and effector/memory-like CD4⁺ regulatory T cells. J Exp Med 199:303-313. (IF 13,9)
5. Lehmann, J., J. Huehn, M.d.l. Rosa, F. Maszyra, U. Kretschmer, M. Brunner, A. Scheffold, V. Krenn, and **A. Hamann**. 2002. Expression of the integrin alphaEbeta7 identifies unique subsets of CD25⁺ as well as CD25⁻ regulatory T cells. Proceed Natl Acad Sci 99:13031-13036. (IF 10,2)
6. Lehmann, J., D. Jablonski-Westrich, U. Haubold, J.C. Gutierrez-Ramos, T. Springer, and A. **Hamann**. 2003. Overlapping and selective roles of endothelial ICAM-1 and ICAM-2 in lymphocyte trafficking. J Immunol. 171:2588 - 2593. (IF 6,4)
7. Klugewitz, K., S. Topp, U. Dahmen, T. Kaiser, S. Sommer, E. Kury, and A. **Hamann**. 2002. Differentiation-dependent and subset-specific recruitment of T-helper cells into the liver. Hepatology 35:568-578. (IF 9,8)
8. Debes, G., U. Höpken, and A. **Hamann**. 2002. In vivo differentiated cytokine-producing CD4⁺ T cells express functional CCR7. J Immunol 168:5441-5447. (IF 6,4)
9. Berlin-Rufenach, C., F. Otto, M. Mathies, J. Westermann, M.J. Owen, **A. Hamann**, and N. Hogg. 1999. Lymphocyte migration in lymphocyte function-associated antigen (LFA)-1-deficient mice. J Exp Med 189:1467-1478. (IF 13,9)
10. Austrup, F., Vestweber, D., Borges, E., Löhning, M., Bräuer, R., Herz, U., Renz, H., Hallmann, R., Scheffold, A., Radbruch, A., and **Hamann, A.** (1997). P- and E-selectin mediate recruitment of T helper 1 but not T helper 2 cells into inflamed tissues. Nature 385, 81-83. (IF 29,3)

Please mark the **two** most important publications of the list by a **bold** number.