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Curriculum vitae

since 1998 Professor (C4), Rheumatology, Charité - Universitätsmedizin Berlin
since 1996 Scientific Director, Leibniz-Institute, Deutsches Rheuma-Forschungszentrum Berlin
1990 – 1998 Professor (C3), Genetics and Immunology, University of Cologne
1988 – 1989 Bayer-Lecturer, Institute for Genetics, University of Cologne
1988 Faculty of Sciences, University of Cologne (Habilitation)
Teaching license for “Genetics and Immunology”
1982 – 1988 Assistant Professor, Institute for Genetics, University of Cologne
1980 – 1982 Research assistant, Institute for Genetics, University of Cologne
1980 PhD (with Klaus Rajewsky), Institute for Genetics, University of Cologne
1976 Diploma in Biology, University of Bonn

Research fields

- Organization of immunological memory
- Chronic inflammation
- Cytometry and cell sorting

Activities in the scientific community, honors, awards

2011 Carol Nachman Prize
2011 Advanced Grant, European Research Council (ERC)
since 2011 Scientific Advisory Committee, Georges-Köhler Center, Regensburg
since 2010 Coordinator, Research Network “IMPAM”
since 2010 Member, European Molecular Biology Organization (EMBO)
since 2009 Member, Berlin-Brandenburg Academy of Sciences
since 2009 Scientific Advisory Committee, Robert Koch Foundation
2009 – 2010 President, German Society for Immunology
since 2008 Biological Councilor, International Society for Advancement of Cytometry
2008 Federal Cross of Merit
since 2008 Council (Hochschulrat), University of Cologne
since 2008 Scientific Advisory Committee, Research Institute “Georg Speyer Haus”, Frankfurt
2007 – 2008 President, German Society of Rheumatology
2003 – 2005 Chair, Medical Research Network “Inflammatory Rheumatic Diseases”
2004 – 2007 Coordinator, EC Network CELLAID
since 2005 Scientific Advisory Committee, Schering Foundation
since 2005 Scientific Advisory Committee, IZKF, Münster
since 2003 Member, German Academy of Science (Leopoldina)
2002 – 2003 Coordinator, National Genome Research Network “BerlinFlame”
2000 Aronson Prize
1999 – 2001 Committee for collaborative research centers (SFB), DFG
1994 – 1996 President, German Society of Cytometry
1994 Karl Heinz Beckurts-Prize (Technology Transfer Award)
1981 Otto-Westphal Prize of the German Society for Immunology

Selected publications

Hiepe, F, Dorner, T, Hauser, AE, Hoyer, BF, Mei, H and Radbruch, A. Long-lived autoreactive plasma cells drive persistent autoimmune inflammation. *Nat Rev Rheumatol.* 2011; 7, 170-8.

Stittrich, AB, Haftmann, C, Sgouroudis, E, Kuhl, AA, Hegazy, AN, Panse, I, Riedel, R, Flossdorf, M, Dong, J, Fuhrmann, F, Heinz, GA, Fang, Z, Li, N, Bissels, U, Hatam, F, Jahn, A, Hammoud, B, Matz, M, Schulze, FM, Baumgrass, R, Bosio, A, Mollenkopf, HJ, Grun, J, Thiel, A, Chen, W, Hofer, T, Loddenkemper, C, Lohning, M, Chang, HD, Rajewsky, N, Radbruch, A* and Mashreghi, MF*. The microRNA miR-182 is induced by IL-2 and promotes clonal expansion of activated helper T lymphocytes. *Nat Immunol.* 2010; 11, 1057-62. | *equal contribution

Lexberg, MH, Taubner, A, Albrecht, I, Lepenies, I, Richter, A, Kamradt, T, Radbruch, A and Chang, HD. IFN-gamma and IL-12 synergize to convert in vivo generated Th17 into Th1/Th17 cells. *Eur J Immunol.* 2010; 40, 3017-27.

Albrecht, I, Niesner, U, Janke, M, Menning, A, Loddenkemper, C, Kuhl, AA, Lepenies, I, Lexberg, MH, Westendorf, K, Hradilkova, K, Grun, J, Hamann, A, Epstein, JA, Chang, HD, Tokoyoda, K and Radbruch, A. Persistence of effector memory Th1 cells is regulated by Hopx. *Eur J Immunol.* 2010; 40, 2993-3006.

Tokoyoda, K, Zehentmeier, S, Hegazy, AN, Albrecht, I, Grun, JR, Lohning, M and Radbruch, A, Professional memory CD4+ T lymphocytes preferentially reside and rest in the bone marrow. *Immunity.* 2009; 30, 721-30.

Schulz, EG, Mariani, L, Radbruch, A and Hofer, T, Sequential polarization and imprinting of type 1 T helper lymphocytes by interferon-gamma and interleukin-12. *Immunity.* 2009; 30, 673-83.

Alexander, T, Thiel, A, Rosen, O, Massenkeil, G, Sattler, A, Kohler, S, Mei, H, Radtke, H, Gromnica-Ihle, E, Burmester, GR, Arnold, R, Radbruch, A and Hiepe, F. Depletion of autoreactive immunologic memory followed by autologous hematopoietic stem cell transplantation in patients with refractory SLE induces long-term remission through de novo generation of a juvenile and tolerant immune system. *Blood.* 2009; 113, 214-23.

Steinbrich-Zollner, M, Grun, JR, Kaiser, T, Biesen, R, Raba, K, Wu, P, Thiel, A, Rudwaleit, M, Sieper, J, Burmester, GR, Radbruch, A and Grutzkau, A. From transcriptome to cytome: integrating cytometric profiling, multivariate cluster, and prediction analyses for a phenotypical classification of inflammatory diseases. *Cytometry A.* 2008; 73, 333-40.

Niesner, U, Albrecht, I, Janke, M, Doebis, C, Loddenkemper, C, Lexberg, MH, Eulenburg, K, Kreher, S, Koeck, J, Baumgrass, R, Bonhagen, K, Kamradt, T, Enghard, P, Humrich, JY, Rutz, S, Schulze-Toppoff, U, Aktas, O, Bartfeld, S, Radbruch, H, Hegazy, AN, Lohning, M, Baumgart, DC, Duchmann, R, Rudwaleit, M, Haupl, T, Gitelman, I, Krenn, V, Gruen, J, Sieper, J, Zeitz, M, Wiedenmann, B, Zipp, F, Hamann, A, Janitz, M, Scheffold, A, Burmester, GR, Chang, HD and Radbruch, A. Autoregulation of Th1-mediated inflammation by twist1. *J Exp Med.* 2008; 205, 1889-901.

Chang, HD, Helbig, C, Tykocinski, L, Kreher, S, Koeck, J, Niesner, U and Radbruch, A. Expression of IL-10 in Th memory lymphocytes is conditional on IL-12 or IL-4, unless the IL-10 gene is imprinted by GATA-3. *Eur J Immunol.* 2007; 37, 807-17