

## Andreas Radbruch

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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

2016	President elect of the European Federation of Immunology (EFIS)
2015	Spokesman of Section C of the Leibniz Association
2015	Member of the International Advisory Committee of the Research Institute for Biomedical Sciences (RIBS), Tokyo University of Science
2014	Chairman of the Scientific Advisory Committee, Research Institute "Georg Speyer Haus", Frankfurt (since 2008 member of the Sci. Ad. Cttee)
2014	Avery Landsteiner Award of the German Society for Immunology (DGfI)
2014	Fellow of the American Institute for Medical and Biological Engineering (AIMBE)
2014 - 2016	President of the International Society for Advancement of Cytometry (ISAC)
2012	Chair of the Executive Committee of the European Journal of Immunology
2012	Visiting Professor and International advisory member of the International Immunological Memory and Vaccine Forum (IIMVF), Chiba University, Japan
2011	Expert Panel ("Fachkollegium") 201 of the DFG (German Research Foundation)
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  
 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

Zimmermann J, Kuhl AA, Weber M, Grun JR, Loffler J, Haftmann C, Riedel R, Maschmeyer P, Lehmann K, Westendorf K, Mashreghi MF, Lohning M, Mack M, Radbruch A, Chang HD. T-bet expression by Th cells promotes type 1 inflammation but is dispensable for colitis. *Mucosal Immunol.* 2016.

Sercan Alp O, Durlanik S, Schulz D, McGrath M, Grun JR, Bardua M, Ikuta K, Sgouroudis E, Riedel R, Zehentmeier S, Hauser AE, Tsuneto M, Melchers F, Tokoyoda K, Chang HD, Thiel A, Radbruch A. Memory CD8(+) T cells colocalize with IL-7(+) stromal cells in bone marrow and rest in terms of proliferation and transcription. *Eur J Immunol.* 2015;45(4):975-87.

Okhrimenko A, Grun JR, Westendorf K, Fang Z, Reinke S, von Roth P, Wassilew G, Kuhl AA, Kudernatsch R, Demski S, Scheibenbogen C, Tokoyoda K, McGrath MA, Raftery MJ, Schonrich G, Serra A, Chang HD, Radbruch A, Dong J. Human memory T cells from the bone marrow are resting and maintain long-lasting systemic memory. *Proceedings of the National Academy of Sciences of the United States of America.* 2014;111(25):9229-34.

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, Mashreghi MF. The microRNA miR-182 is induced by IL-2 and promotes clonal expansion of activated helper T lymphocytes. *Nat Immunol.* 2010;11(11):1057-62.

Tokoyoda K, Zehentmeier S, Hegazy AN, Albrecht I, Grun JR, Lohning M, Radbruch A. Professional memory CD4+ T lymphocytes preferentially reside and rest in the bone marrow. *Immunity.* 2009;30(5):721-30.

Schulz EG, Mariani L, Radbruch A, Hofer T. Sequential polarization and imprinting of type 1 T helper lymphocytes by interferon-gamma and interleukin-12. *Immunity.* 2009;30(5):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, 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(1):214-23.

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-Topphoff

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, Radbruch A. Autoregulation of Th1-mediated inflammation by twist1. *J Exp Med*. 2008;205(8):1889-901.

Manz RA, Thiel A, Radbruch A. Lifetime of plasma cells in the bone marrow. *Nature*. 1997;388(6638):133-4.

Jung S, Rajewsky K, Radbruch A. Shutdown of class switch recombination by deletion of a switch region control element. *Science (New York, NY)*. 1993;259(5097):984-7.