

General Information

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Date of Birth: 18.11.1970
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Current Position: Group Leader, Institute of Immunology, Ulm University

Academic Education

1997 Diploma Thesis in Cell Biology; University of Freiburg; Freiburg;
Mentor: Prof. Dr. Hans Kleinig

Academic Degrees

2005 Doctoral Thesis in Immunobiology, University of Freiburg, Freiburg;
Mentor: Prof. Dr. Michael Reth

Professional Experience

Since 2015 Group Leader, Institute of Immunology, Ulm University, Ulm
2011-2015 Project Leader, Institute of Biology III (Molecular Immunology), Max-Planck-Institute of Immunobiology, Freiburg
2005-2010 Postdoc, Institute of Biology III (Molecular Immunology), Max-Planck-Institute of Immunobiology, Freiburg (Director: Prof. Dr. Michael Reth)

Miscellaneous

Awards / Honors / Positions:

2005 Doctoral Dissertation with honors (summa cum laude)

Publications

1. Wilhelm I, Levit-Zerdoun E, Jakob J, Villringer S, Frensch M, Ubelhart R, Landi A, Muller P, Imberty A, Thuenauer R, Claudinon J, Jumaa H, Reth M, Eibel H, Hobeika E, Romer W. Carbohydrate-dependent B cell activation by fucose-binding bacterial lectins. **Sci Signal**. 2019;12(571).
2. Hobeika E, Dautzenberg, M, Levit-Zerdoun E, Pelanda R, and Reth M. Conditional selection of B cells in mice with an inducible B cell development. **Front Immunol**. 2018;9:1806.
3. Setz CS, Hug E, Khadour A, Abdelrasoul H, Bilal M, Hobeika E, Jumaa H. PI3K-mediated Blimp-1 activation controls B cell selection and homeostasis. **Cell Rep**. 2018;24(2):391-405.
4. Hobeika E, Maity P, Jumaa H. Control of B cell responsiveness by isotype and structural elements of the antigen receptor. **Trends Immunol**. 2016;37(5):310-20.
5. Levit-Zerdoun, E, Becker M, Pohlmeier R, Wilhelm I, Maity PC, Rajewsky K, Reth M, Hobeika E. Survival of Ig α -deficient mature B cells requires BAFF-R function. **J Immunol**. 2016;196(5):2348-60.
6. Hobeika E, Levit-Zerdoun E, Anastasopoulou A, Pohlmeier R, Altmeier S, Alsadeq A, Dobenecker MW, Pelanda R, Reth M. Maintenance of mature B cells in the absence of the kinase Syk. **EMBO J**. 2015;34(7):925-39.
7. Hobeika E, Nielsen PJ, Medgyesi D. Signaling mechanisms regulating B-lymphocyte activation and tolerance. **J Mol Med**. 2015;93(2):143-58.
8. Hug E, Hobeika E, Reth M, Jumaa H. Inducible expression of hyperactive syk in B cells activates Blimp-1-dependent terminal differentiation. **Oncogene**. 2014;33(28):3730-41.
9. Kiss EA, Vonarbourg C, Kopfmann S, Hobeika E, Finke D, Esser C, Diefenbach A. Natural aryl hydrocarbon receptor ligands control organogenesis of intestinal lymphoid follicles. **Science**. 2011;334(6062):1561-65.

10. Werner M, Hobeika E, Jumaa H. Role of PI3K in the generation and survival of B cells. **Immunol Rev.** 2010;237(1):55-71.