

Lohoff, Michael, Prof. Dr.

Date of Birth	24.08.1957 in Erlangen
	Institut für Medizinische Mikrobiologie und Krankenhaushygiene Hans-Meerweinstr. 2 35043 Marburg Tel: 06421-58 66 455 E-Mail: lohoff@med.uni-marburg.de
Position	Professor W3
Children	2 (age 16 and 20 years)

1) Academic Education

2009 - present	W3 Professor, Institut für Mikrobiologie und Krankenhaushygiene, Marburg
2007 - 2008	Offers for W3-Professorships in Greifswald, Aachen, Magdeburg and Freiburg
2004 - 2009	Temporary chair, Institut für Mikrobiologie und Krankenhaushygiene, Marburg
1999 - 2009	C3 Professor, Institut für Medizinische Mikrobiologie und Krankenhaushygiene, Marburg
1992	Venia legendi in Medical Microbiology, University of Würzburg
1985	Doctorial thesis ("magna cum laude"), University of Würzburg
1978 – 1985	Würzburg, Medical School

2) Advanced Professional Degrees

1996	Visiting Scientist, Ontario Cancer Institute, Toronto, Canada
1991	Specialisation for "Mikrobiologie und Infektionsepidemiologie"

3) Positions Held

2009 - present	W3 Professor, Institut für Mikrobiologie und Krankenhaushygiene, Marburg
2015 - present	President elect of the Deutsche Gesellschaft für Immunologie (DGfI)
2009 - present	Elected Board Member of the DGfI
1999 - 2009	C3 Professor, Institut für Medizinische Mikrobiologie und Krankenhaushygiene, Marburg
1997 - 2013	Elected Spokesman of the Section "T cells" within the DGfI
1985 - 1999	MD Institut für klinische Mikrobiologie Erlangen

Other Activities

2003 - present	Organisator of the yearly German Spring School of Immunology
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Honors and Awards

2005, 2012 and 2015 Three times prize for best teaching, Philipps University Marburg

5) Publications - 10 most important out of , H-index: 32

- 1) **Lohoff, M.**, DA Ferrick, HW Mittrücker, S. Bischof, M. Röllinghoff, G. Duncan, and T.W. Mak. 1997. Interferon regulatory factor-1 is required for a T helper 1 immune response in vivo. **Immunity**. 6:681-689.
- 2) **Lohoff, M.**, G. S. Duncan, D. Ferrick, HW Mittrücker, S. Bischof, S. Prechtel, M. Röllinghoff, E. Schmitt, A. Pahl and TW Mak. 2000. Deficiency in the transcription factor interferon regulatory factor (IRF)-2 leads to severely compromised development of NK and T helper 1 cells. **J. Exp. Med.** 192:325-335.
- 3) **M. Lohoff**, HW Mittrücker, A. Brüstle F. Sommer, B. Casper, M. Huber, DA Ferrick, G.S. Duncan and TW Mak. 2004. Enhanced TCR-induced apoptosis in Interferon-Regulatory-Factor 4-deficient CD4⁺ cells. **J. Exp. Med.** 200:247-253.
- 4) A. Brüstle, M. Huber, C. Rosenplänter, S. Heink, C. Stadelmann, E. Arpaia, T. Kamradt, TW Mak and **M. Lohoff**. 2007. Development of inflammatory Th17 cells requires interferon regulatory factor 4. **Nat. Immunol.** 9:958-966.
- 5) M. Huber, A. Brüstle, K. Reinhard, A. Guralnik, G. Walter, A. Mahiny, E. von Löw and **M. Lohoff**. 2008. IRF4 is essential for IL-21-mediated induction, amplification and stabilization of the Th17 phenotype. **Proc. Natl. Acad. Sci. USA.** 105:20846-20851.
- 6) Bollig N, Brüstle A, Kellner K, Ackermann W, Abass E, Raifer H, Camara B, Brendel C, Giel G, Bothur E, Huber M, Paul C, Elli A, Kroczeck RA, Nurieva R, Dong C, Jacob R, Mak TW, **Lohoff M.** 2012. Transcription factor IRF4 determines germinal center formation through follicular T-helper cell differentiation. **Proc Natl Acad Sci U S A.** 109:8665-8669.
- 7) Huber, M., Heink, S., Pagenstecher, A., Reinhard, K., Ritter, J., Visekruna, A., Guralnik, A., Bollig, N., Jeltsch, K., Heinemann, C., Wittmann, E., Buch, T., Prazeres da Costa, O., Brüstle, A., Mak, TW, Brenner, D., Mittrücker, HW, Tackenberg, B., Kamradt, T., **Lohoff, M.** 2013. Pathogenic IL-17A-dependent help of Tc17 cells for Th17 cells to initiate autoimmune encephalomyelitis. **J. Clin. Invest.** 123:247-260.
- 8) Bothur E, Raifer H, Haftmann C, Stittrich AB, Bruestle A, Brenner D, Bollig N, Bieringer M, Kang CH, Reinhard K, Camara B, Huber M , Visekruna A, Steinhoff U, Repenning A, Bauer UM, Sexl V, Radbruch A, Sparwasser T, Mashreghi MF, Mak TW, **Lohoff, M.** 2015. Antigen receptor mediated depletion of FOXP3 in induced regulatory T lymphocytes via PTPN2 and FOXO1. **Nat. Commun. Oct** 13;6:8576. doi: 10.1038/ncomms9576
- 9) Mak TW, Grusdat M, Duncan GS, Dostert C, Nonnenmacher Y, Cox M, Binsfeld C, Hao Z , Brüstle A, Itsumi M, Jäger C, Chen Y, Pinkenburg O, Camara B, Ollert M, Bindselev-Jensen C, Vasiliou V, Gorrini C, Lang PA, **Lohoff M**, Harris IS , Hiller K, Brenner D. 2017. Glutathione primes T cell metabolism for inflammation. **Immunity**. 46(6):1089-1090.
- 10) Kammertoens T, Friese C, Arina A, Idel C, Briesemeister D, Rothe M, Ivanov A, Szymborska A, Patone G, Kunz S, Sommermeyer D, Engels B, Leisegang M, Textor A, Fehling H-J, Fruttiger M, **Lohoff M**, Herrmann A, Yu H , Weichselbaum R, Uckert W, Hübner N, Gerhard H, Beule D, Schreiber H ; Blankenstein T. 2017. Tumor ischemia by Interferon-γ resembles physiological blood vessel regression. **Nature**. 545(7652):98-102.