

Curriculum Vitae

Alexander Dalpke Professor, Dr. med.
d.o.b. July 24th, 1971, in Darmstadt, Germany

University Education

2004 Habilitation Infection and Immunity, Philipps-University Marburg
1998 Doctorate Medicine, Medical Microbiology, Georg-August University Göttingen
1992-1998 Studies of Medicine, Georg-August University Göttingen

Scientific Career

Since 2024 Appointed Member of the STIKO (Standing Committee on Vaccination)
Since 2023 PI, TRR156 „The skin as sensor and effector organ orchestrating local and systemic immunity”, project B05
Since 2022 Full Professor (W3) for Medical Microbiology and Hygiene, Medical Director, Medical Microbiology and Hygiene, Dept. of Infectious Diseases, University Hospital Heidelberg
Since 2022 PI, German Center for Lung Research (DZL), TLRC Heidelberg
Since 2021 PI, TRR319 „RMaP: RNA Modification and Processing”, project A03
Since 2020 Member of an IMPP commission for the second part of the medical state examination
2019 - 2022 Full Professor (W3) for Medical Microbiology; Medical Director, Institute of Medical Microbiology and Virology; Medical Faculty, TU Dresden
2019 - 2022 Member of Dresden International Graduate School (DIGS-BB)
2018 - 2022 Member of the DFG priority program 1784 “Chemical Biology of Native Nucleic Acid Modifications”
2015 - 2018 Chairman of the Habilitation Committee I, Medical Faculty Heidelberg
2014 - 2018 PI, German Center for Lung Research (DZL), TLRC Heidelberg
2013 - 2018 Deputy Medical Director, Medical Microbiology and Hygiene, Dept. of Infectious Diseases, Heidelberg University
2012 - 2015 Coordinator Teaching&Education Activities, DZIF, Heidelberg site
2011 - 2015 PI, SFB938 “Environment specific control of immunological reactivity”, project E
2011 Consultant in microbiology, virology and epidemiology of infections
2008 - 2011 Speaker of the Postgraduate Program “Differential activation and integration of signaling modules within the immune system”
2007 - 2018 Member of HBIGS Graduate School
2006 - 2009 Member of the SFB405 “Immunetolerance and its disturbances“, project B18
2006 - 2018 Professor (W3) for Medical Microbiology and Infection and Immunity, Dept. of Medical Microbiology and Hygiene, University Heidelberg
2006 Specialist in immunology (“Fachimmunologe DGfI”, German Society for Immunology)
2005 Group Leader, Dept. of Hygiene and Med. Microbiology, Heidelberg
2004 - 2007 Member of the DFG priority program SP1110 „Innate Immunity“
1999 - 2004 Research Assistant, Inst. of Medical Microbiology, Philipps-University Marburg
1998 - 1999 First-year resident, Kreis- und Stadtkrankenhaus Alfeld, Internal medicine

Awards and Honors

2004 Martin-Stolze-Award, Vereinigung der Mitteldeutschen Urologen, "Antineoplastische Wirkung immunstimulativer DNA"
1993 - 1998 Scholarship of the “Cusanuswerk” for the promotion of highly talented students

Citation Record

Total citations: 13.882; h-index:63; (google scholar, march 2nd 2026)

Top-10 selected Publications

1. Tony-Odigie A, Wilke L, Boutin S, Dalpke AH and Yi B: Commensal bacteria in the cystic fibrosis airway microbiome reduce *P. aeruginosa* induced inflammation. **Front Cell Infect Microbiol**, 2022),12:824101, doi: 10.3389/fcimb.2022.824101
2. Keller P*, Freund I*, Marchand V, Bec G, Huang R, Motorin Y, Eigenbrod T, Dalpke A and Helm M. Double methylation of tRNA-U54 to 2'-O-methylthymidine (Tm) synergistically decreases immune response by Toll-like receptor 7. **Nucl Acid Res**, 2018, 46 (18): 9764-9775
3. Kolbe U, Yi B, Poth T, Saunders A, Boutin S, Dalpke A: Early cytokine induction upon *Pseudomonas aeruginosa* infection in murine precision cut lung slices depends on sensing of bacterial viability. **Front Immunol**, (2020): 11: 598636.
4. Boutin S, Graeber SY, Stahl M, Dittrich SA, Mall MA and Dalpke AH. Chronic but not intermittent infection with *Pseudomonas aeruginosa* is associated with global changes of the lung microbiome in cystic fibrosis. **Eur Respir J** 2017; 50 (4): 1701086, doi: 10.1183/13993003.01086-2017
5. Eigenbrod T, Pelka K, Latz E, Kreikemeyer B and Dalpke AH. TLR8 Senses Bacterial RNA in Human Monocytes and Plays a Nonredundant Role for Recognition of *Streptococcus pyogenes*. **J Immunol**. 2015; 195(3): 1092-1099
6. Weitnauer M, Schmidt L, Ng Kuet Leong N, Muenchau S, Lasitschka F, Eckstein V, Hübner S, Tuckermann J and Dalpke AH. Bronchial epithelial cells induce alternatively activated dendritic cells dependent on glucocorticoid receptor signaling. **J Immunol** 2014; 193(3):1475-84
7. Hidmark A, von Saint Paul A, Dalpke AH. Cutting Edge: TLR13 is a receptor for bacterial RNA. **J Immunol**. 2012; 189(6):2717-21
8. Gehrig S, Eberle ME, Botschen F, Rimbach K, Eberle F, Eigenbrod T, Kaiser S, Holmes WM, Erdmann VA, Sprinzl M, Bec G, Keith G, Dalpke AH* and Helm M*. Identification of modifications in microbial, native tRNA that suppress immunostimulatory activity. **J Exp Med** 2012; 209 (2): 225-233, *equal contribution
9. Strebovsky J, Walker P, Lang R .and Dalpke AH. Suppressor of cytokine signaling 1 (SOCS1) limits NFκB signaling by decreasing p65 stability within the cell nucleus. **FASEB J**. 2011; 25(3): 863-874
10. Schmidt LM, Belvisi MG, Bode KA, Bauer J, Schmidt C, Suchy MT, Tsikas D, Scheuerer J, Lasitschka F, Gröne HJ and Dalpke AH. Bronchial epithelial cell-derived prostaglandin E2 dampens the reactivity of dendritic cells. **J Immunol**. 2011; 186(4): 2095-2105