

## *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 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  
2021 - 2022 Member of the examination board “Microbiology, Virology, Epidemiology of infections”, state medical association Saxony  
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 “Hartmut Hoffmann-Berling International Graduate School of Molecular and Cellular Biology”  
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 Post-doc and 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: 10,408; h-index:56; (google scholar, july 25<sup>th</sup> 2022)

### Top-10 selected Publications

1. 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.
2. 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
3. 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
4. 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
5. Hidmark A, von Saint Paul A, Dalpke AH. Cutting Edge: TLR13 is a receptor for bacterial RNA. **J Immunol**. 2012; 189(6):2717-21
6. 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
7. 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
8. 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
9. Baetz A, Koelsche C, Strebovsky J, Heeg K, Dalpke AH. Identification of a nuclear localization signal in suppressor of cytokine signaling 1 (SOCS1). **FASEB J** 2008; 22(12), 4296-4305
10. Bätz A, Frey M, Heeg K and Dalpke AH. Suppressor of cytokine signaling (SOCS) proteins indirectly regulate Toll-like receptor signaling in innate immune cells. **J. Biol. Chem**. 2004; 279(52), 54708-54715