

Curriculum vitae

Name: Prof. Dr. Ulrich A. Maus

Date of Birth: April 14, 1964

Department: Department of Experimental Pneumology
Hannover Medical School
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Education:

1986-92	Studies of Biology (Diploma) at the University of Giessen
1993-96	Dissertation Clinical Research Group "Respiratory Failure", JLU Giessen
1996	Dr.rer.nat., JLU Giessen
1997-99	Post-Doc, Collaborative Research Unit, University of Giessen

Academic Appointments:

1999-2004	Assistant Professor, University of Giessen
2005-2009	Head Laboratory of Exp. Pneumology, Hannover Medical School
2009	W3 Professor for Experimental Pneumology, Hannover Medical School

Other Professional Activities:

- Reviewer for DFG, BMBF, Wellcome Trust
- Member of the Editorial Board *PLoS One*, *Respiratory Research*
- Head of the Ethics Committee of the Lower Saxony State Office for Consumer Protection and Food Safety LAVES

Professional Societies:

- German Society of Pneumology
- European Respiratory Society
- American Thoracic Society

Major Research Interests:

Pathobiology of bacterial infections of the lung.
Development and exploration of novel strategies to improve lung protective immune responses to bacterial infections.

Selected Publications:

1. Denzel A, **Maus UA**, Gomez MR, Moll C, Niedermeier M, Winter C, Maus R, Hollingshead S, Briles DE, Kunz-Schughart LA, Talke Y, Mack M. Basophils enhance immunological memory responses. *Nat Immunol* 2008;7:733-42.
2. **Maus UA**, Backi M, Winter C, Srivastava M, Rückle T, Schwarz MK, Paton JC, Briles D, Mack M, Welte T, Maus R, Bohle R, Seeger W, Rommel C, Hirsch E, Lohmeyer J, and Preissner KT. Importance of phosphoinositide 3-kinase gamma in the host defense against pneumococcal infection. *Am J Respir Crit Care Med* 2007;175:958-66.
3. Steinwede K, Henken S, Bohling J, Maus R, Ueberberg B, Brumshagen C, Brincks EL, Griffith TS, Welte T, **Maus UA**. TNF-related apoptosis-inducing ligand (TRAIL) exerts therapeutic efficacy for the treatment of pneumococcal pneumonia in mice. *J Exp Med* 209:1937-1952, 2012.
4. Ostermann L, Seeliger B, David S, Flasche C, Maus R, Reinboth MS, Christmann M, Neumann K, Brand K, Seltmann S, Bühling F, Paton JC, Roth J, Vogl T, Viemann D, Welte T, **Maus UA**. S100A9 is indispensable for survival of pneumococcal pneumonia in mice. *PLoS Pathog* 19:e1011493, 2023.
5. Ostermann L, Maus R, Stolper J, Schütte L, Katsarou K, Tumpara S, Pich A, Mueller C, Janciauskiene S, Welte T, **Maus UA**. Alpha-1 antitrypsin deficiency impairs lung antibacterial immunity in mice. *J Clin Invest* 6:e140816, 2021.
6. Steinmetz L, Seeliger B, Schupp J, Roepke T, Aschenbrenner F, Maus R, DeLuca D, Gaedcke S, Pich A, Knudsen L, Neubert L, Ius F, Prasse A, Kolb M, **Maus UA**. Lung fibroblasts contribute to release of Serum Amyloid A as potential biomarker of exacerbation of lung fibrosis in mice. *ERJ Open Research*, 2026, in press.