

## *Curriculum Vitae*

**Zissler Ulrich M.** Professor, Dr. phil.nat. habil.  
d.o.b. December 14<sup>th</sup>, 1982, Augsburg, Germany

### **University Education**

2025 Habilitation in Molecular Medicine, School of Medicine, Technical University of Munich (TUM)  
2012 Ph.D., Goethe University Frankfurt/Main  
2002-2008 Studies of Biology (Diploma), Ludwig-Maximilians University Munich

### **Scientific and Clinical Career**

Since 2025 Full Professor, Technical University of Applied Sciences Rosenheim (THRo)  
Since 2025 Director of the Technology Transfer Center (TTZ) for Building Biology, Airway and Indoor Health, Technical University of Applied Sciences Rosenheim (THRo)  
Since 2025 Venia Legendi for Molecular Medicine at Technical University of Munich (TUM)  
Since 2024 Associated Researcher, Universities of Giessen and Marburg Lung Center (UGMLC), Philipps University Marburg  
Since 2018 Principal Investigator German Center for Lung Research (DZL)  
2012-2024 Postdoctoral Research Scientist at the Center for Allergy & Environment (ZAUM), Klinikum rechts der Isar, Technical University of Munich (TUM)  
2012-2024 Institute for Allergy Research (IAF), Helmholtz Center Munich, German Research Center for Environmental Health (HMGU)  
2008-2012 Doctoral Researcher, Center for Pediatric Pneumology, Allergy, Asthma and Cystic Fibrosis, Hospital of the Goethe University Frankfurt/Main

### **Awards and Honors**

2025 Appointment to a distinguished professorship as part of the Bavarian High-Tech Agenda  
2021 Joachim Ganzer Research Award, German Society for Allergy & Clinical Immunology (DGAKI)  
2019 RHINA-EAACI 2019 Travel Award  
2016 EAACI Annual Meeting 2016 Congress Scholarship  
2016 Alain L. de Weck Travel Grant, Collegium Internationale Allergologicum (CIA)  
2015 EAACI Annual Meeting 2015, Best Abstract Award  
2011 European Cystic Fibrosis Society Travel Grant 2011  
2008 Ph.D. Scholarship, Dr. Marschner Foundation, Offenbach/Main  
2007 Diploma Scholarship, CFinitiative-aktiv

### **Citation Record**

*Total citations: 2,241; h-index: 25; h-index since 2021: 24 (Google Scholar March 27<sup>th</sup>, 2026)*  
*Cumulative Impact Factor: 666.8; Average Impact Factor: 13.6*

### **Top-10 selected Publications:**

**Zissler UM**, Koczulla AR. Lower Airway Dysbiosis Fuels NETosis in NTM Bronchiectasis: Rethinking the Microbiome-Host Axis. *Am J Respir Crit Care Med.* 2026. <https://doi.org/10.1093/ajrccm/aamag117>.

**Zissler UM**, Thron A, Eckrich J, Bakhtiar S, Schubert R, Zielen S. Bronchial Inflammation Biomarker Patterns link humoral immunodeficiency with Bronchiectasis-related Small Airway Dysfunction. *Clin Exp Allergy.* 2022 Jun;52(6):760-773. doi: 10.1111/cea.14140.

Jakwerth CA, Feuerherd M, Guerth FM, Oelsner M, Schellhammer L, Giglberger L, Pechtold L, Jerin C, Kugler L, Mogler C, Haller B, Erb A, Wollenberg B, Spinner C, Buch T, Protzer U, Schmidt-Weber CB, Chaker AM, **Zissler UM** (2022). Early Reduction of SARS-CoV-2-Replication in Bronchial Epithelium by

Kinin B2 Receptor Antagonism. *Journal of Molecular Medicine*. 100(4):613-627. doi: 10.1007/s00109-022-02182-7.

Musiol S, Alessandrini F, Jakwerth CA, Chaker AM, Schneider E, Guerth F, Ghiordanescu I, Ullmann JT, Kau J, Plaschke M, Haak S, Buch T, Schmidt-Weber CB, **Zissler UM** (2022). TGF- $\beta$ 1 drives inflammatory T but not Treg cell compartment upon allergen exposure. *Frontiers in Immunology*; 7;12:763243.

Jakwerth CA, Chaker AM, Guerth F, Oelsner M, Pechtold L, Greißel L, Ullmann JT, Erb A, Kau J, Plaschke M, Winkler M, Kurz A, Kloss A, Esser-von Bieren J, Schmidt-Weber CB, **Zissler UM** (2021). Sputum microRNA-screening reveals Prostaglandin EP3 receptor as selective target in allergen-specific immunotherapy. *Clin Exp Allergy*;51(12):1577-1591. doi: 10.1111/cea.14013.

**Zissler UM**, Jakwerth CA, Guerth F, Lewitan L, Rothkirch S, Davidovic M, Ulrich M, Oelsner M, Garn H, Schmidt-Weber CB, Chaker AM (2021). Allergen-specific immunotherapy induces the suppressive secretoglobin 1A1 in cells of the lower airways. *Allergy*;76(8):2461-2474. doi: 10.1111/all.14756.

**Zissler UM**, Jakwerth CA, Guerth FM, Pechtold L, Aguilar-Pimentel JA, Dietz K, Suttner K, Piontek G, Haller B, Hajdu Z, Schiemann M, Schmidt-Weber CB, Chaker AM. Early IL-10 producing B-cells and coinciding Th/Tr17 shifts during three year grass-pollen AIT. *EBioMedicine*. 2018 Oct;36:475-488. doi: 10.1016/j.ebiom.2018.09.016.

**Zissler UM**, Ulrich M, Jakwerth CA, Rothkirch S, Guerth F, Weckmann M, Schiemann M, Haller B, Schmidt-Weber CB, Chaker AM (2018). Biomatrix for upper and lower airway biomarker in allergic asthma. *J Allergy Clin Immunol.*, S0091-6749(18)31140-0.

**Zissler UM**, Chaker AM, Effner R, Ulrich M, Guerth F, Piontek G, Dietz K, Regn M, Knapp B, Theis FJ, Heine H, Suttner K, Schmidt-Weber CB (2016). Interleukin-4 and interferon- $\gamma$  orchestrate an epithelial polarization in the airways. *Mucosal Immunol.*;9(4):917-26.