

## *Curriculum Vitae*

**Ulrich M. Zissler** Dr. phil.nat., Diplom-Biolog. (Univ.)  
d.o.b. December 14th, 1982, in Augsburg, Germany

### **University Education**

2012 Ph.D. in Medical Science, Goethe University Frankfurt/Main  
2002-2008 Studies of Biology, Ludwig-Maximilians University Munich (LMU)

### **Scientific Career**

Since 2018 DZL Principal Investigator  
Since 2016 Deputy Group Leader  
Since 2012 Project Leader, DZL ALLIANCE Cohort  
Since 2012 Postdoctoral Research Scientist at the Center for Allergy & Environment (ZAUM),  
Klinikum rechts der Isar, Technical University of Munich; Institute for Allergy Research  
(IAF), Helmholtz Center Munich, German Research Center for Environmental Health  
2008-2012 Ph.D. candidate, Center for Pediatric Pneumology, Allergy, Asthma and Cystic Fibrosis,  
Hospital of the Goethe University Frankfurt/Main

### **Awards and Honors**

2021 Joachim Ganzer Research Award of the German Society for Allergy and Clinical  
Immunology (DGAKI)  
2019 RHINA-EAACI Travel Award  
2016 EAACI 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: 733; h-index:15; h-index since 2017: 14* (Google Scholar September 1<sup>st</sup>, 2022)

## Top-10 selected Publications

Gutmann D, Dressler M, Eickmeier O, Herrmann E, Kirwil M, Schubert R, Zielen S, **Zissler UM**. Bronchial inflammation in obese adolescents. *Mediators of Inflammation* 2022. *Accepted for publication*.

**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 secretoglobulin 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**, Eckrich J, Serve F, Leutz P, Smaczny C, Schmitt-Grohé S, Fussbroich D, Schubert R, Zielen S, Eickmeier O (2017). Airway inflammation in mild cystic fibrosis. *J Cyst Fibros.*;16(1):107-115. doi: 10.1016/j.jcf. 2016.05.016.

**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.