

## Curriculum Vitae

**Saeed Kolahian** PD Dr.  
d.o.b. 19.04.1981 - Tabriz, Iran

### Scientific Career

Jan 2024 – present Principal Investigator, German Center for Lung Research (DZL), Germany  
2024 – 2025 Head of Preclinical Imaging Core Facility, University of Marburg, Germany  
2021 – 2023 Research Group Leader, University of Marburg, Germany  
2017 – 2021 Research Group Leader, University Hospital Tübingen, Germany  
2015 – 2017 Alexander von Humboldt Fellow, University Hospital Tübingen, Germany  
2014 – 2015 Associate Professor of Pharmacology, University of Tabriz, Iran  
2014 Visiting Scientist, Yale School of Medicine, USA  
2011 Visiting Scientist, University of Groningen, The Netherlands  
2009 – 2014 Assistant Professor of Pharmacology, University of Tabriz, Iran

### Research Funding

German Research Foundation (DFG), Stiftung für Pathobiochemie und Molekulare Diagnostik (SPMD), University of Tübingen Fortüne and IZKF Program

Total Competitive Research Funding Secured (Sole Principal Investigator): approx. €600,000

### Education and Academic Qualifications

2020 Habilitation in Experimental Pharmacology  
University Hospital Tübingen, Eberhard Karls University of Tübingen, Germany  
thesis: “Regulation of Airway Inflammation and Remodelling in Asthma and COPD”  
2009 PhD in Pharmacology  
Faculty of Veterinary Medicine, University of Tehran, Iran  
2020 Approbation as Veterinarian  
Justus Liebig University of Gießen, Germany  
2005 Doctor of Veterinary Medicine (DVM)  
Faculty of Veterinary Medicine, Urmia University, Iran  
2026 German Society of Pharmacology and Toxicology (DGPT) Certified Pharmacologist  
European Certified Pharmacologist

### Citation Record

3512, h-Index: 18, i10-Index: 24 (Google Scholar March 25th, 2026)

## Curriculum Vitae

### Selected Publications

- Vedder N, Gercke P, Lautenschlager N, Brunn T, Lange T, Schieb J, Vetter C, van Geffen C, **Kolahian S**. Characterizing the emergence of myeloid-derived suppressor cell subsets in a murine model of pulmonary fibrosis. *FASEB Journal* 2025, 39(10):e70626.
- Lange T, Brunn T, Vetter C, Bloch K, Vedder N, van Geffen C, Gercke P, **Kolahian S**. Systemic EP4 agonist and Arginase-1 therapy in murine model of chronic asthma and influenza virus-induced asthma exacerbation. *British Journal of Pharmacology* 2025, 1-18. <https://doi.org/10.1111/bph.17473>.
- van Geffen C, Lange T, **Kolahian S**. Myeloid-derived suppressor cells in influenza virus-induced asthma exacerbation. *Frontiers in Immunology* 2024, 15:1342497.
- Vetter C, Schieb J, Vedder N, Lange T, Brunn T, van Geffen C, Gercke P, **Kolahian S**. The impact of IL-10 and IL-17 on myeloid-derived suppressor cells *in vitro* and *in vivo* in a murine model of asthma. *European Journal of Immunology* 2024, 23:e2350785.
- Gercke P, Lautenschlager N, Vedder N, van Geffen C, Renz H, **Kolahian S**. Intranasal EP4 agonist and Arginase-1 therapy in a murine model of asthma. *European Journal of Pharmacology* 2023, 957:176040.
- Wu F, Li X, Looso M, Liu H, Ding D, Günther S, Kuenne C, Liu S, Weissmann N, Boettger T, Atzberger A, **Kolahian S**, Renz H, Offermanns S, Gärtner U, Potente M, Zhou Y, Yuan X, Braun T. Spurious transcription causing innate immune responses is prevented by 5-hydroxymethylcytosine. *Nature Genetics* 2023, 55(1):100-111.
- Cebulla D, van Geffen C, **Kolahian S**. The role of PGE2 and EP receptors on lung's immune and structural cells; possibilities for future asthma therapy. *Pharmacology & Therapeutics* 2023, 241:108313.
- van Geffen C, Deißler A, Beer-Hammer S, Nürnberg B, Handgretinger R, Renz H, Hartl D, **Kolahian S**. Myeloid-derived suppressor cells dampen airway inflammation through prostaglandin E2 receptor 4. *Frontiers in Immunology* 2021, 12:695933.
- **Kolahian S**, Leiss V, Nürnberg B. Diabetic Lung Disease: Fact or Fiction? *Reviews in Endocrine and Metabolic Disorders* 2019, 20:303-319.
- Korde A, Jin L, Zhang JG, Ramaswamy A, Hu B, **Kolahian S**, Guardela BJ, Herazo-Maya J, Siegfried JM, Stabile L, Pisani MA, Herbst RS, Kaminski N, Elias JA, Puchalski JT, Takyar SS. Lung Endothelial MicroRNA-1 Regulates Tumor Growth and Angiogenesis. *American Journal of Respiratory and Critical Care Medicine* 2017, 196(11):1443-1455.
- Kolahian S**, Fernandez IE, Eickelberg O, Hartl D. Immune mechanisms in pulmonary fibrosis. *American Journal of Respiratory Cell and Molecular Biology* 2016, 55(3): 309-322.
- Kolahian S**, Öz H, Zhou B, Griessinger C, Rieber N, Hartl D. The emerging role of myeloid-derived suppressor cells in lung diseases. *European Respiratory Journal* 2016, 47(3): 967-977.