

## Curriculum Vitae

**Aicha Jeridi**      *Dr. rer. nat.*  
d.o.b. March 27<sup>th</sup>, 1987, in Tunisia

### University Education

2018              **Dr.rer. nat.** Medical faculty LMU (*magna cum laude*)  
2013 – 2016      **PhD thesis** - Institute of molecular Immunoregulation (Helmholtz Munich)  
2012              **Master of science** in biology at the Ludwig-Maximilians-University (LMU)  
2010              **Bachelor of science** in biology at the Ludwig-Maximilians-University

### Scientific Career

Since 2026      DZL PI  
Since 2026      Group Leader, “Lung Immunity and Cell Death”, LHI, Helmholtz Munich  
Since 2025      CPC-M PI  
Since 2025      Member of the Scientific Board of the EHLRS lung research school  
2020 – 2025:      Board member of the Postdoc association at Helmholtz Munich  
2020 – 2024:      Elected Board member of DZL Academy board  
Since 2020:      Biology safety officer at the Institute of Lung Health and Immunity  
2018-2025      Postdoc, “Immunopathology of COPD”, iLBD, Helmholtz Zentrum München

### • AWARDS

2024 ATS International Scholarship  
2023 Best-oral-presentation-Award in the DZL 11th DZL annual meeting- Disease Area COPD  
2022 Best-Poster-Award in the Lung Science Conference (LSC) 2022

### • Public outreach:

Podcast: (2023): “Ferroptose und COPD”

<https://www.helmholtz-munich.de/en/newsroom/news-all/artikel/lhi-postdoc-aicha-jeridi-as-interview-guest-in-resonator-the-podcast-of-the-helmholtz-association>

### Citation Record

Total citations: 959; *h-index*: 11 (Google Scholar, June 15<sup>th</sup> 2026)

## Top 10 selected Publications

- Dragunas G, ... **Jeridi A**, Kapellos TS, von Mutius E, Yildirim AÖ. A beneficial environment promotes immune resilience through epigenetic regulation. **Sci Adv.** **2026** Feb 27;12(9):eady7317. doi: 10.1126/sciadv.ady7317. Published 2026 Feb 27. PMID: 41758935; PMCID: PMC12947861.
- Selmi H, Walker A, Balas L, ..., **Jeridi A.** et al. Ornithine lipids from *Akkermansia muciniphila* are dynamically modulated in colitis and shape macrophage inflammatory responses. **Gut Microbes.** **2025**;17(1):2601376. doi:10.1080/19490976.2025.2601376
- Korkmaz RÜ, Omony J, Tan X, ..., **Jeridi A.** et al. The Therapeutic Potential of Farm Dust Extracts in a Mouse Model of Eosinophilic Inflammation. **Allergy.****2025.** doi:10.1111/all.70121
- Berndt C, Alborzinia H, Amen VS, ..., **Jeridi A.,** ...et al. Ferroptosis in health and disease. **Redox Biol.** **2024**;75:103211. doi:10.1016/j.redox.2024.103211
- **Jeridi A**, Kapellos TS, Yildirim AÖ. Fumarate hydratase: a new checkpoint of metabolic regulation in inflammatory macrophages. **Signal Transduct Target Ther.** **2023**;8(1):332. Published 2023 Sep 4. doi:10.1038/s41392-023-01594-2
- Günes Günsel G\*, Conlon TM\*, **Jeridi A\***, et al. The arginine methyltransferase PRMT7 promotes extravasation of monocytes resulting in tissue injury in COPD. **Nat Commun.** **2022**;13(1):1303. Published 2022 Mar 14. doi:10.1038/s41467-022-28809-4
- Spix B, Butz ES, Chen CC, ..., **Jeridi A.** et al. Lung emphysema and impaired macrophage elastase clearance in mucolipin 3 deficient mice. **Nat Commun.** **2022**;13(1):318. Published 2022 Jan 14. doi:10.1038/s41467-021-27860-x
- Morrone C, Smirnova NF, **Jeridi A**, et al. Cathepsin B promotes collagen biosynthesis, which drives bronchiolitis obliterans syndrome. **Eur Respir J.** **2021** doi:10.1183/13993003.01416-2020
- Jacobsen H, Walendy-Gnirß K, Tekin-Bubenheim N, ..., **Jeridi A.**, et al. Offspring born to influenza A virus infected pregnant mice have increased susceptibility to viral and bacterial infections in early life. **Nat Commun.** **2021**;12(1):4957. Published 2021 Aug 16. doi:10.1038/s41467-021-25220-3
- Conlon TM, John-Schuster G, Heide D, ..., **Jeridi A.** et al. Inhibition of LTβR signalling activates WNT-induced regeneration in lung. **Nature.** **2020**;588(7836):151-156. doi:10.1038/s41586-020-2882-8
- Rehage N, Davydova E, Conrad C,, **Jeridi A.** et al. Binding of NUFIP2 to Roquin promotes recognition and regulation of ICOS mRNA. **Nat Commun.** **2018**;9(1):299. Published 2018 Jan 19. doi:10.1038/s41467-017-02582-1