

Curriculum Vitae

Arun Lingampally PhD
d.o.b. September 12th, 1988, in Kamalapuram, India

University Education

2023 PhD, Justus Liebig University Giessen (JLU), Germany
2018 Master's degree in Biomedical Engineering, Martin Luther University, Germany
2012 Bachelor's degree in Pharmacy, Rajiv Gandhi University of Health Sciences, India

Scientific Career

Since 2024 Early career group leader at JLU
Since 2023 Postdoctoral researcher at JLU
2019-2023 Research assistant, UGMLC Giessen biobank, Germany

Citation Record

Total citations: 359; h-index: 12; h-index since 2021: 12 (Google Scholar March 26th, 2026)

Top-10 selected Publications

Panagiotidis, G.-D., Vásquez Pacheco, E., Chu, X., Seeger, W., El Agha, E., Bellusci, S., & **Lingampally, A.** (2025). Revisiting Pulmonary Fibrosis: Inflammatory Dynamics of the Lipofibroblast-to-Inflammatory Lipofibroblast-to-Activated Myofibroblast Reversible Switch. **Frontiers in Immunology**, 16. <https://doi.org/10.3389/fimmu.2025.1609509>

Lingampally, A., Truchi, M., Shi, X., Zhou, Y., Vasquez-Pacheco, E., Panagiotidis, G.-D., Hadzic, S.,... Bellusci, S., & Chen, C. (2025). Unraveling Alveolar Fibroblast and Activated Myofibroblast Heterogeneity and Differentiation Trajectories During Lung Fibrosis Development and Resolution in Young and Old Mice. **Aging Cell**, e14503. <https://doi.org/10.1111/accel.14503>

Lingampally, A., Truchi, M., Mauduit, O., Delcroix, V., Vasquez-Pacheco, E., Gautier-Isola, M., Chu, X., ... Bellusci, S. (2025). Evidence for a lipofibroblast-to-Cthrc1 + myofibroblast reversible switch during the development and resolution of lung fibrosis in young mice. **The European Respiratory Journal**, 65(2), 2300482. <https://doi.org/10.1183/13993003.00482-2023>

Truchi, M., Gautier-Isola, M., Savary, G., Scribe, C., **Lingampally, A.**, Cadis, H., Baeri, A., ... Bellusci, S., ... Mari, B. (2025). Aging affects reprogramming of pulmonary capillary endothelial cells after lung injury in male mice. **Nature Communications**, 16(1), 7234. <https://doi.org/10.1038/s41467-025-62431-4>

Vásquez-Pacheco, E., Marega, M., **Lingampally, A.**, Fassy, J., Truchi, M., Goth, K., Trygub, L., ... El Agha, E., ... Bellusci, S & Rivetti, S. (2024). Highlighting fibroblast plasticity in lung fibrosis: The WI-38 cell line as a model for investigating the myofibroblast and lipofibroblast switch. **Theranostics**, 14(9), 3603–3622. <https://doi.org/10.7150/thno.93519>

Ahmadvand, N., **Lingampally, A.**, Khosravi, F., Vazquez-Armendariz, A. I., Rivetti, S., Jones, M. R., ... Bellusci, S. (2022). Fgfr2b signaling is essential for the maintenance of the alveolar epithelial type 2 lineage during lung homeostasis in mice. **Cellular and Molecular Life Sciences**, 79(6), 302. <https://doi.org/10.1007/s00018-022-04327-w>

Jones, M. R., **Lingampally, A.**, Ahmadvand, N., Chong, L., Wu, J., Wilhem, J., Vazquez-Armendariz, A. I., Ansari, M., Herold, S., Ornitz, D. M., Schiller, H. B., Chao, C.-M., Zhang, J.-S., Carraro, G., & Bellusci, S. (2022). FGFR2b signalling restricts lineage-flexible alveolar progenitors during mouse lung

development and converges in mature alveolar type 2 cells. **Cellular and Molecular Life Sciences**, 79(12), 609. <https://doi.org/10.1007/s00018-022-04626-2>

Ahmadvand, N., Khosravi, F., **Lingampally, A.**, Wasnick, R., Vazquez-Armendariz, A. I., Carraro, G., Heiner, M., Rivetti, S., Lv, Y., Wilhelm, J., Gunther, A., Herold, S., Al Alam, D., Chen, C., Minoo, P., Zhang, J.-S., & Bellusci, S. (2021). Identification of a novel subset of alveolar type 2 cells enriched in PD-L1 and expanded following pneumonectomy. **The European Respiratory Journal**, 58(5), 2004168. <https://doi.org/10.1183/13993003.04168-2020>

Jones, M. R., **Lingampally, A.**, Wu, J., Sedighi, J., Ahmadvand, N., Wilhelm, J., Vazquez-Armendariz, A. I., Herold, S., Chen, C., Zhang, J.-S., Bellusci, S., & Chao, C.-M. (2020). Evidence for Overlapping and Distinct Biological Activities and Transcriptional Targets Triggered by Fibroblast Growth Factor Receptor 2b Signaling between Mid- and Early Pseudoglandular Stages of Mouse Lung Development. **Cells**, 9(5), 1274. <https://doi.org/10.3390/cells9051274>

Jones, M. R., **Lingampally, A.**, Dilai, S., Shrestha, A., Stripp, B., Helmbacher, F., Chen, C., Chao, C.-M., & Bellusci, S. (2019). Characterization of Tg(Etv4-GFP) and Etv5 RFP Reporter Lines in the Context of Fibroblast Growth Factor 10 Signaling During Mouse Embryonic Lung Development. **Frontiers in Genetics**, 10, 178. <https://doi.org/10.3389/fgene.2019.00178>