Stanford



Seunghee Lee

Postdoctoral Scholar, Pulmonary and Critical Care Medicine

Bio

HONORS AND AWARDS

- Postdoctoral Fellowship, American Heart Association (1/1/2026 - 12/31/2027)

STANFORD ADVISORS

- Mark Nicolls, Postdoctoral Faculty Sponsor

LINKS

- Google scholar: https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=5DRJVpcAAAAJ

Research & Scholarship

LAB AFFILIATIONS

- Mark Nicolls, Nicolls Lab (4/3/2023)

Publications

PUBLICATIONS

- **EBF1 controls an embryonic artery-forming niche that reactivates in pulmonary arterial hypertension** *bioRxiv*
  Tian, W., Wu, T. T., Gu, S., Lee, S., Zhao, H., Andruska, A. M., Song, K. K., Chang, J. L., Huang, C., Vinh, R., Kim, D., Zhu, Y., Bao, et al
  2026
- **Inhibiting mitoNEET restores mitochondrial redox homeostasis and attenuates myofibroblast differentiation.** *Free radical biology & medicine*
  Seok, B. G., Lee, S., Jin, S. H., Lee, S., Kwon, H. N., Chung, S. W.
  2025
- **Abnormal Lymphatic Sphingosine-1-Phosphate Signaling Aggravates Lymphatic Dysfunction and Tissue Inflammation.** *Circulation*
  Kim, D., Tian, W., Wu, T. T., Xiang, M., Vinh, R., Chang, J. L., Gu, S., Lee, S., Zhu, Y., Guan, T., Schneider, E. C., Bao, E., Dixon, et al
  2023
- **Autophagy mediates an amplification loop during ferroptosis.** *Cell death & disease*
  Lee, S., Hwang, N., Seok, B. G., Lee, S., Lee, S. J., Chung, S. W.
  2023; 14 (7): 464
- **Abnormal lymphatic S1P signaling aggravates lymphatic dysfunction and tissue inflammation.** *medRxiv : the preprint server for health sciences*
  Kim, D., Tian, W., Wu, T. T., Xiang, M., Vinh, R., Chang, J., Gu, S., Lee, S., Zhu, Y., Guan, T., Schneider, E. C., Bao, E., Dixon, et al
  2023
- **Inhibition of mitoNEET induces Pink1-Parkin-mediated mitophagy** *BMB REPORTS*

Lee, S., Lee, S., Lee, S., Chung, S.
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- **Inhibition of mitoNEET attenuates LPS-induced inflammation and oxidative stress** *CELL DEATH & DISEASE*
  Lee, S., Seok, B., Lee, S., Chung, S.
  2022; 13 (2): 127

- **Regulatory Activities of Dopamine and Its Derivatives toward Metal-Free and Metal-Induced Amyloid-beta Aggregation, Oxidative Stress, and Inflammation in Alzheimer's Disease** *ACS CHEMICAL NEUROSCIENCE*
  Nam, E., Derrick, J. S., Lee, S., Kang, J., Han, J., Lee, S. C., Chung, S., Lim, M.
  2018; 9 (11): 2655-2666