



Dongeon Kim

Instructor, Medicine - Pulmonary, Allergy & Critical Care Medicine

Bio

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Pulmonary, Allergy & Critical Care Medicine

HONORS AND AWARDS

- Career Development Award, American Heart Association (2025)
- Translational Research and Applied Medicine Pilot Grant, Stanford Medicine (2024)
- Stanford Cardiovascular Institute (CVI) T32 training grant, NIH (2023)
- Postdoctoral Research Fellowship for Young Scientists, Korea Institute of Oriental Medicine (KIOM) (2018)
- Government scholarship MS - PhD Integrated Degree Program student, Korea Advanced Institute of Science and Technology (KAIST) (2013)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Korea Advanced Institute of Science & Technology (2018)
- Master of Science, Korea Advanced Institute of Science & Technology (2014)
- Bachelor of Science, University of Ulsan (2013)

LINKS

- Google Scholar: https://scholar.google.com/citations?user=uB31_j8AAAAJ&hl=en

Publications

PUBLICATIONS

- **Inositol polyphosphate multikinase regulates Th1 and Th17 cell differentiation by controlling Akt-mTOR signaling.** *Cell reports*
Yuk, C. M., Hong, S., Kim, D., Kim, M., Jeong, H. W., Park, S. J., Min, H., Kim, W., Lim, J., Kim, H. D., Kim, S. G., Seong, R. H., Kim, et al
2025; 44 (2): 115281
- **Rat microbial biogeography and age-dependent lactic acid bacteria in healthy lungs.** *Lab animal*
Zhao, L., Cunningham, C. M., Andruska, A. M., Schimmel, K., Ali, M. K., Kim, D., Gu, S., Chang, J. L., Spiekerkoetter, E., Nicolls, M. R.
2024; 53 (2): 43-55
- **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
- **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

- **Lymph node fibroblastic reticular cells regulate differentiation and function of CD4 T cells via CD25.** *The Journal of experimental medicine*
Kim, D., Kim, M., Kim, T. W., Choe, Y., Noh, H. S., Jeon, H. M., Kim, H., Lee, Y., Hur, G., Lee, K., Shin, K., Lee, S., Lee, et al
2022; 219 (5)
- **Exploring disease interrelationships in patients with lymphatic disorders: A single center retrospective experience.** *Clinical and translational medicine*
Rockson, S. G., Zhou, X., Zhao, L., Hosseini, D. K., Jiang, X., Sweatt, A. J., Kim, D., Tian, W., Snyder, M. P., Nicolls, M. R.
2022; 12 (4): e760
- **Hypoxia and Hypoxia-Inducible Factors in Lymphedema.** *Frontiers in pharmacology*
Jiang, X., Tian, W., Kim, D., McQuiston, A. S., Vinh, R., Rockson, S. G., Semenza, G. L., Nicolls, M. R.
2022; 13: 851057
- **The Role of Regulatory T Cells in Pulmonary Arterial Hypertension.** *Frontiers in immunology*
Tian, W., Jiang, S. Y., Jiang, X., Tamosiuniene, R., Kim, D., Guan, T., Arsalane, S., Pasupneti, S., Voelkel, N. F., Tang, Q., Nicolls, M. R.
2021; 12: 684657
- **Leukotrienes in Tumor-Associated Inflammation.** *Frontiers in pharmacology*
Tian, W., Jiang, X., Kim, D., Guan, T., Nicolls, M. R., Rockson, S. G.
2020; 11: 1289
- **Leukotrienes in Tumor-Associated Inflammation** *FRONTIERS IN PHARMACOLOGY*
Tian, W., Jiang, X., Kim, D., Guan, T., Nicolls, M. R., Rockson, S. G.
2020; 11
- **Decreased lymphatic HIF-2 α accentuates lymphatic remodeling in lymphedema.** *The Journal of clinical investigation*
Jiang, X. n., Tian, W. n., Granucci, E. J., Tu, A. B., Kim, D. n., Dahms, P. n., Pasupneti, S. n., Peng, G. n., Kim, Y. n., Lim, A. H., Espinoza, F. H., Cribb, M. n., Dixon, et al
2020
- **Natural Bis-Benzylisoquinoline Alkaloids-Tetrandrine, Fangchinoline, and Cepharanthine, Inhibit Human Coronavirus OC43 Infection of MRC-5 Human Lung Cells.** *Biomolecules*
Kim, D. E., Min, J. S., Jang, M. S., Lee, J. Y., Shin, Y. S., Song, J. H., Kim, H. R., Kim, S., Jin, Y. H., Kwon, S.
2019; 9 (11)
- **Bilirubin nanoparticles ameliorate allergic lung inflammation in a mouse model of asthma.** *Biomaterials*
Kim, D. E., Lee, Y., Kim, M., Lee, S., Jon, S., Lee, S. H.
2017; 140: 37-44
- **Prediction of drug-induced immune-mediated hepatotoxicity using hepatocyte-like cells derived from human embryonic stem cells.** *Toxicology*
Kim, D. E., Jang, M. J., Kim, Y. R., Lee, J. Y., Cho, E. B., Kim, E., Kim, Y., Kim, M. Y., Jeong, W. I., Kim, S., Han, Y. M., Lee, S. H.
2017; 387: 1-9