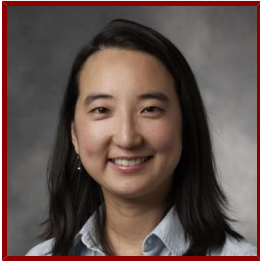


# Stanford

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## Yon Sung

Clinical Associate Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

### CLINICAL OFFICE (PRIMARY)

- **Pulmonary and Critical Care Clinic**

300 Pasteur Dr Rm A175

MC 5319

Stanford, CA 94305

Tel (650) 725-7061      Fax (650) 498-6288

### Bio

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#### CLINICAL FOCUS

- Pulmonary Disease
- Pulmonary Hypertension

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

#### PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2024)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2024)
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2024)
- Residency: Brown University Internal Medicine Residency (2006) RI
- Fellowship: Stanford University Division of PCCM (2010) CA
- Medical Education: University of Pittsburgh School of Medicine (2003) PA

### Publications

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#### PUBLICATIONS

- **Developing Benchmarks in the Diagnosis and Treatment of Pulmonary Arterial Hypertension in a Tertiary, Academic Medical Center.** *Pulmonary circulation*  
Kholidani, C. A., Lee, J. H., Swenson, K. E., Liu, J., Hsi, A., Kudelko, K. T., Sweatt, A. J., Spiekerkoetter, E. F., De Jesus Perez, V., Rigdon, J., Hedlin, H., Andruska, A. M., Lyn, et al  
2025; 15 (1): e70063
- **APOLLO Summary on Pulmonary Vascular Disease Fellowship Training.** *Chest*  
Kudelko, K., Sung, Y. K., Ventetuolo, C. E., Kawut, S., Mazurek, J. A., McGlothlin, D., Lahm, T., Waxman, A., Zamanian, R.  
2024

- **Unchanging Mortality from Pulmonary Embolism in the United States.** *Annals of the American Thoracic Society*  
Sung, Y. K., Kline, J. A.  
2023; 20 (11): 1554-1556
- **Prescription Patterns for Pulmonary Vasodilators in the Treatment of Pulmonary Hypertension Associated With Chronic Lung Diseases: Insights From a Clinician Survey.** *Frontiers in medicine*  
Thomas, C. A., Lee, J., Bernardo, R. J., Anderson, R. J., Glinskii, V., Sung, Y. K., Kudelko, K., Hedlin, H., Sweatt, A., Kawut, S. M., Raj, R., Zamanian, R. T., de Jesus Perez, et al  
1800; 8: 764815
- **PROGNOSTIC VALUE OF THE RELATIVE PULMONARY PRESSURE RATIO AND ITS TRAJECTORY IN PATIENTS WITH PULMONARY ARTERIAL HYPERTENSION**  
Bagherzadeh, S. P., Amsallem, M., Denault, A., Sweatt, A., Kudelko, K., Sung, Y., Haddad, F., Zamanian, R.  
ELSEVIER SCIENCE INC.2020: 2096
- **Hemodynamic trajectories and outcomes in patients with pulmonary arterial hypertension.** *Pulmonary circulation*  
Amsallem, M. n., Bagherzadeh, S. P., Boulate, D. n., Sweatt, A. J., Kudelko, K. T., Sung, Y. K., Feinstein, J. A., Fadel, E. n., Mercier, O. n., Denault, A. n., Haddad, F. n., Zamanian, R. n.  
2020; 10 (4): 2045894020941343
- **EXPRESS: Myocardial Bridge - An Unrecognized Cause of Chest Pain in Pulmonary Arterial Hypertension.** *Pulmonary circulation*  
Rajmohan, D. n., Sung, Y. K., Kudelko, K. n., Perez, V. i., Haddad, F. n., Tremmel, J. n., Schnittger, I. n., Zamanian, R. T., Spiekerkoetter, E. F.  
2019: 2045894019860738
- **Phenotypically-Silent Bone Morphogenetic Protein Receptor 2 (Bmpr2) Mutations Predispose Rats to Inflammation-Induced Pulmonary Arterial Hypertension by Enhancing The Risk for Neointimal Transformation.** *Circulation*  
Tian, W. n., Jiang, X. n., Sung, Y. K., Shuffle, E. n., Wu, T. H., Kao, P. N., Tu, A. B., Dorfmüller, P. n., Cao, A. n., Wang, L. n., Peng, G. n., Kim, Y. n., Zhang, et al  
2019
- **Randomised placebo-controlled safety and tolerability trial of FK506 (tacrolimus) for pulmonary arterial hypertension** *EUROPEAN RESPIRATORY JOURNAL*  
Spiekerkoetter, E., Sung, Y. K., Sudheendra, D., Scott, V., Del Rosario, P., Bill, M., Haddad, F., Long-Boyle, J., Hedlin, H., Zamanian, R. T.  
2017; 50 (3)
- **Identification of Pulmonary Hypertension Caused by Left Heart Disease (World Health Organization Group 2) Based on Cardiac Chamber Volumes Derived from Chest CT.** *Chest*  
Aviram, G., Rozenbaum, Z., Ziv-Baran, T., Berliner, S., Topilsky, Y., Fleischmann, D., Sung, Y. K., Zamanian, R. T., Guo, H. H.  
2017
- **Left Atrium Maximal Axial Cross-Sectional Area is a Specific Computed Tomographic Imaging Biomarker of World Health Organization Group 2 Pulmonary Hypertension.** *Journal of thoracic imaging*  
Jivraj, K., Bedayat, A., Sung, Y. K., Zamanian, R. T., Haddad, F., Leung, A. N., Rosenberg, J., Guo, H. H.  
2017; 32 (2): 121-126
- **Simultaneously Targeting Myofibroblast Contractility and Extracellular Matrix Cross-Linking as a Therapeutic Concept in Airway Fibrosis.** *American journal of transplantation*  
Lin, Y., Sung, Y. K., Jiang, X., Peters-Golden, M., Nicolls, M. R.  
2016
- **Novel approaches to pulmonary arterial hypertension drug discovery** *EXPERT OPINION ON DRUG DISCOVERY*  
Sung, Y. K., Yuan, K., Perez, V. A.  
2016; 11 (4): 407-414
- **Recent advances in the management of pulmonary arterial hypertension.** *F1000Research*  
Tsai, H., Sung, Y. K., de Jesus Perez, V.  
2016; 5: 2755-?
- **Leukotriene B-4 Activates Pulmonary Artery Adventitial Fibroblasts in Pulmonary Hypertension** *HYPERTENSION*  
Qian, J., Tian, W., Jiang, X., Tamosiuniene, R., Sung, Y. K., Shuffle, E. M., Tu, A. B., Valenzuela, A., Jiang, S., Zamanian, R. T., Fiorentino, D. F., Voelkel, N. F., Peters-Golden, et al

2015; 66 (6): 1227-1239

- **Low-Dose FK506 (Tacrolimus) in End-Stage Pulmonary Arterial Hypertension.** *American journal of respiratory and critical care medicine*  
Spiekerkoetter, E., Sung, Y. K., Sudheendra, D., Bill, M., Aldred, M. A., van de Veerdonk, M. C., Vonk Noordegraaf, A., Long-Boyle, J., Dash, R., Yang, P. C., Lawrie, A., Swift, A. J., Rabinovitch, et al  
2015; 192 (2): 254-257
- **Connective tissue disease-associated pulmonary arterial hypertension.** *Rheumatic diseases clinics of North America*  
Sung, Y. K., Chung, L.  
2015; 41 (2): 295-313
- **Graft microvascular disease in solid organ transplantation.** *Journal of molecular medicine (Berlin, Germany)*  
Jiang, X., Sung, Y. K., Tian, W., Qian, J., Semenza, G. L., Nicolls, M. R.  
2014; 92 (8): 797-810
- **Current Clinical Management of Pulmonary Arterial Hypertension** *CIRCULATION RESEARCH*  
Zamanian, R. T., Kudelko, K. T., Sung, Y. K., Perez, V. D., Liu, J., Spiekerkoetter, E.  
2014; 115 (1): 131-147
- **Current clinical management of pulmonary arterial hypertension.** *Circulation research*  
Zamanian, R. T., Kudelko, K. T., Sung, Y. K., de Jesus Perez, V., Liu, J., Spiekerkoetter, E.  
2014; 115 (1): 131-47
- **Leukotrienes in pulmonary arterial hypertension.** *Immunologic research*  
Tian, W., Jiang, X., Sung, Y. K., Qian, J., Yuan, K., Nicolls, M. R.  
2014; 58 (2-3): 387-393
- **Promotion of airway anastomotic microvascular regeneration and alleviation of airway ischemia by deferoxamine nanoparticles.** *Biomaterials*  
Jiang, X., Malkovskiy, A. V., Tian, W., Sung, Y. K., Sun, W., Hsu, J. L., Manickam, S., Wagh, D., Joubert, L., Semenza, G. L., Rajadas, J., Nicolls, M. R.  
2014; 35 (2): 803-813
- **Macrophages in solid organ transplantation.** *Vascular cell*  
Jiang, X., Tian, W., Sung, Y. K., Qian, J., Nicolls, M. R.  
2014; 6 (1): 5-?
- **Blocking Macrophage Leukotriene B-4 Prevents Endothelial Injury and Reverses Pulmonary Hypertension** *SCIENCE TRANSLATIONAL MEDICINE*  
Tian, W., Jiang, X., Tamosiuniene, R., Sung, Y. K., Qian, J., Dhillon, G., Gera, L., Farkas, L., Rabinovitch, M., Zamanian, R. T., Inayathullah, M., Fridlib, M., Rajadas, et al  
2013; 5 (200)
- **Blocking macrophage leukotriene b4 prevents endothelial injury and reverses pulmonary hypertension.** *Science translational medicine*  
Tian, W., Jiang, X., Tamosiuniene, R., Sung, Y. K., Qian, J., Dhillon, G., Gera, L., Farkas, L., Rabinovitch, M., Zamanian, R. T., Inayathullah, M., Fridlib, M., Rajadas, et al  
2013; 5 (200): 200ra117-?
- **A case of recurrent pericardial constriction presenting with severe pulmonary hypertension.** *Pulmonary circulation*  
Brunner, N. W., Ramachandran, K., Kudelko, K. T., Sung, Y. K., Spiekerkoetter, E., Yang, P. C., Zamanian, R. T., Perez, V. d.  
2013; 3 (2): 436-439
- **A brief overview of mouse models of pulmonary arterial hypertension: problems and prospects** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*  
Gomez-Arroyo, J., Saleem, S. J., Mizuno, S., Syed, A. A., Bogaard, H. J., Abbate, A., Taraseviciene-Stewart, L., Sung, Y., Kraskauskas, D., Farkas, D., Conrad, D. H., Nicolls, M. R., Voelkel, et al  
2012; 302 (10): L977-L991
- **Regulatory T Cells Limit Vascular Endothelial Injury and Prevent Pulmonary Hypertension** *CIRCULATION RESEARCH*  
Tamosiuniene, R., Tian, W., Dhillon, G., Wang, L., Sung, Y. K., Gera, L., Patterson, A. J., Agrawal, R., Rabinovitch, M., Ambler, K., Long, C. S., Voelkel, N. F., Nicolls, et al

