



Shravani Pasupneti

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

CLINICAL OFFICE (PRIMARY)

- **Pulmonary and Critical Care**

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Bio

CLINICAL FOCUS

- Lung Transplantation
- Heart Lung Transplantation
- Pulmonary Disease

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine
- Member, Cardiovascular Institute

PROFESSIONAL EDUCATION

- Residency: University of Chicago Hospitals Internal Medicine Residency (2014) IL
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)
- Fellowship: Stanford University Pulmonary and Critical Care Fellowship (2017) CA
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2017)
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2016)
- Board Certification, Internal Medicine, American Board of Internal Medicine (2014)
- Medical Education: University of Chicago Pritzker (2011) IL

Publications

PUBLICATIONS

- **Harnessing the Potential of Multiomics Studies for Precision Medicine in Infectious Disease.** *Open forum infectious diseases*
Ward, R. A., Aghaeepour, N., Bhattacharyya, R. P., Clish, C. B., Gaudilliere, B., Hacohen, N., Mansour, M. K., Mudd, P. A., Pasupneti, S., Presti, R. M., Rhee, E. P., Sen, P., Spec, et al
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- **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., Aarsalane, S., Pasupneti, S., Voelkel, N. F., Tang, Q., Nicolls, M. R.
2021; 12: 684657
- **Endothelial HIF-2alpha as a Key Endogenous Mediator Preventing Emphysema.** *American journal of respiratory and critical care medicine*
Pasupneti, S., Tian, W., Tu, A. B., Dahms, P., Granucci, E., Gandjeva, A., Xiang, M., Butcher, E., Semenza, G. L., Tuder, R., Jiang, X., Nicolls, M. R.
2020
- **Decreased lymphatic HIF-2α 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
- **Airway hypoxia in lung transplantation** *CURRENT OPINION IN PHYSIOLOGY*
Pasupneti, S., Nicolls, M. R.
2019; 7: 21–26
- **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
- **Endothelial HIF-2alpha is Required for the Maintenance of Airway Microvasculature.** *Circulation*
Jiang, X., Tian, W., Tu, A. B., Pasupneti, S., Shuffle, E., Dahms, P., Zhang, P., Cai, H., Dinh, T. T., Liu, B., Cain, C., Giaccia, A. J., Butcher, et al
2018
- **Microhemorrhage-associated tissue iron enhances the risk for Aspergillus fumigatus invasion in a mouse model of airway transplantation.** *Science translational medicine*
Hsu, J. L., Manouvakhova, O. V., Clemons, K. V., Inayathullah, M. n., Tu, A. B., Sobel, R. A., Tian, A. n., Nazik, H. n., Pothineni, V. R., Pasupneti, S. n., Jiang, X. n., Dhillon, G. S., Bedi, et al
2018; 10 (429)
- **Combined heart lung transplantation: an updated review of the current literature.** *Transplantation*
Pasupneti, S., Dhillon, G., Reitz, B., Khush, K.
2017
- **Aspergillus-related pulmonary diseases in lung transplantation** *MEDICAL MYCOLOGY*
Pasupneti, S., Manouvakhova, O., Nicolls, M. R., Hsu, J. L.
2017; 55 (1): 96-102
- **Lung transplantation following death by drowning: a review of the current literature.** *Clinical transplantation*
Pasupneti, S., Patel, K., Mooney, J. J., Chhatwani, L., Dhillon, G., Weill, D.
2016; 30 (10): 1195-1197
- **Elevated Troponin? Take Heart and Reconsider!** *CIRCULATION-HEART FAILURE*
Pasupneti, S., Khush, K.
2016; 9 (6)
- **Central venous catheters: incidence and predictive factors of venous thrombosis** *CLINICAL NEPHROLOGY*
Hammes, M., Desai, A., Pasupneti, S., Kress, J., Funaki, B., Watson, S., Herlitz, J., Hines, J.
2015; 84 (1): 21-28
- **Initial Commitment to Pre-Exposure Prophylaxis and Circumcision for HIV Prevention amongst Indian Truck Drivers** *PLOS ONE*
Schneider, J. A., Dandona, R., Pasupneti, S., Lakshmi, V., Liao, C., Yeldandi, V., Mayer, K. H.
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