

Stanford



Menglan Xiang

Postdoctoral Scholar, Pathology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of North Dakota , Biochemistry and Molecular Biology (2019)
- Bachelor of Science, Huazhong University of Science and Technology , Biological Science (2013)

STANFORD ADVISORS

- Eugene Butcher, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **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
- **An NKX-COUP-TFII morphogenetic code directs mucosal endothelial addressin expression.** *Nature communications*
Dinh, T. T., Xiang, M., Rajaraman, A., Wang, Y., Salazar, N., Zhu, Y., Roper, W., Rhee, S., Brulois, K., O'Hara, E., Kiefel, H., Dinh, T. M., Bi, et al
2022; 13 (1): 7448
- **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., Tudor, R., Jiang, X., Nicolls, M. R.
2020
- **A Single-Cell Transcriptional Roadmap of the Mouse and Human Lymph Node Lymphatic Vasculature.** *Frontiers in cardiovascular medicine*
Xiang, M., Grosso, R. A., Takeda, A., Pan, J., Bekkhus, T., Brulois, K., Dermadi, D., Nordling, S., Vanlandewijck, M., Jalkanen, S., Ulvmar, M. H., Butcher, E. C.
2020; 7: 52
- **Tbx5 inhibits hedgehog signaling in determination of digit identity.** *Human molecular genetics*
Xu, H., Xiang, M., Qin, Y., Cheng, H., Chen, D., Fu, Q., Zhang, K. K., Xie, L.
2019
- **Gata4 regulates hedgehog signaling and Gata6 expression for outflow tract development.** *PLoS genetics*
Liu, J., Cheng, H., Xiang, M., Zhou, L., Wu, B., Moskowitz, I. P., Zhang, K., Xie, L.
2019; 15 (5): e1007711
- **Gata4 potentiates second heart field proliferation and Hedgehog signaling for cardiac septation.** *Proceedings of the National Academy of Sciences of the United States of America*
Zhou, L., Liu, J., Xiang, M., Olson, P., Guzzetta, A., Zhang, K., Moskowitz, I. P., Xie, L.
2017; 114 (8): E1422-E1431

- **Gene network and familial analyses uncover a gene network involving Tbx5/Osr1/Pcsk6 interaction in the second heart field for atrial septation.** *Human molecular genetics*
Zhang, K. K., Xiang, M., Zhou, L., Liu, J., Curry, N., Heine Suñer, D., Garcia-Pavia, P., Zhang, X., Wang, Q., Xie, L.
2016; 25 (6): 1140-51