

## Publications for Xiangjian Zheng

### 2018

Choi, J., Wang, R., Yang, X., Wang, X., Wang, L., Ting, K., Foley, M., Cogger, V., Yang, Z., Liu, F., Liu, R., Zheng, X., et al (2018). Ponatinib (AP24534) inhibits MEKK3-KLF signaling and prevents formation and progression of cerebral cavernous malformations. *Science Advances*, 4(11), eaau0731. <a href="http://dx.doi.org/10.1126/sciadv.aau0731">[More Information]</a>

### 2017

Pi, J., Tao, T., Zhuang, T., Sun, H., Chen, X., Liu, J., Cheng, Y., Yu, Z., Zhu, H., Zheng, X., et al (2017). A microRNA302-367-Erk1/2-Klf2-S1pr1 Pathway Prevents Tumor Growth via Restricting Angiogenesis and Improving Vascular Stability. *Circulation Research*, 120(1), 85-98. <a href="http://dx.doi.org/10.1161/CIRCRESAHA.116.309757">[More Information]</a>

Tang, A., Choi, J., Kotzin, J., Yang, Y., Hong, C., Hobson, N., Girard, R., Zeineddine, H., Lightle, R., Zheng, X., et al (2017). Endothelial TLR4 and the microbiome drive cerebral cavernous malformations. *Nature*, 545(7654), 305-310. <a href="http://dx.doi.org/10.1038/nature22075">[More Information]</a>

Choi, J., Yang, X., Foley, M., Wang, X., Zheng, X. (2017). Induction and micro-CT imaging of cerebral cavernous malformations in mouse model. *Journal of Visualized Experiments*, 2017 (127), 1-5. <a href="http://dx.doi.org/10.3791/56476">[More Information]</a>

### 2016

Zhou, Z., Tang, A., Wong, W., Bamezai, S., Goddard, L., Shenkar, R., Zhou, S., Yang, J., Wright, A., Foley, M., Zheng, X., et al (2016). Cerebral cavernous malformations arise from endothelial gain of MEKK3-KLF2/4 signalling. *Nature*, 532(7597), 122-126. <a href="http://dx.doi.org/10.1038/nature17178">[More Information]</a>

Choi, J., Foley, M., Zhou, Z., Wong, W., Gokoolparsadh, N., Arthur, J., Li, D., Zheng, X. (2016). Micro-CT imaging reveals Mekk3 heterozygosity prevents cerebral cavernous malformations in Ccm2-deficient mice. *PloS One*, 11(8), 1-14. <a href="http://dx.doi.org/10.1371/journal.pone.0160833">[More Information]</a>