



## Pei Wang

Postdoctoral Research Fellow, Otolaryngology - Head & Neck Surgery

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Nanjing University (2010)
- Doctor of Philosophy, Nanjing University (2016)

### Publications

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#### PUBLICATIONS

- **CPI-17-mediated contraction of vascular smooth muscle is essential for the development of hypertension in obese mice.** *Journal of genetics and genomics = Yi chuan xue bao*  
Sun, J., Tao, T., Zhao, W., Wei, L., She, F., Wang, P., Li, Y., Zheng, Y., Chen, X., Wang, W., Qiao, Y., Zhang, X. N., Zhu, et al  
2019; 46 (3): 109–18
- **Distinct functions of Trio GEF domains in axon outgrowth of cerebellar granule neurons.** *Journal of genetics and genomics = Yi chuan xue bao*  
Tao, T., Sun, J., Peng, Y., Wang, P., Chen, X., Zhao, W., Li, Y., Wei, L., Wang, W., Zheng, Y., Wang, Y., Zhang, X., Zhu, et al  
2019; 46 (2): 87–96
- **Golgi-resident TRIO regulates membrane trafficking during neurite outgrowth.** *The Journal of biological chemistry*  
Tao, T., Sun, J., Peng, Y., Li, Y., Wang, P., Chen, X., Zhao, W., Zheng, Y. Y., Wei, L., Wang, W., Zhou, Y., Liu, J., Shi, et al  
2019
- **ZIPK mediates endothelial cell contraction through myosin light chain phosphorylation and is required for ischemic-reperfusion injury.** *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*  
Zhang, Y., Zhang, C., Zhang, H., Zeng, W., Li, S., Chen, C., Song, X., Sun, J., Sun, Z., Cui, C., Cao, X., Zheng, L., Wang, et al  
2019: fj201802052RRR
- **Inflammatory mediators mediate airway smooth muscle contraction through a G protein-coupled receptor-transmembrane protein 16A-voltage-dependent Ca<sup>2+</sup> channel axis and contribute to bronchial hyperresponsiveness in asthma** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*  
Wang, P., Zhao, W., Sun, J., Tao, T., Chen, X., Zheng, Y., Zhang, C., Chen, Z., Gao, Y., She, F., Li, Y., Wei, L., Lu, et al  
2018; 141 (4): 1259–+
- **The molecular basis of the genesis of basal tone in internal anal sphincter** *NATURE COMMUNICATIONS*  
Zhang, C., Wang, P., Liu, D., Chen, C., Zhao, W., Chen, X., Chen, C., He, W., Qiao, Y., Tao, T., Sun, J., Peng, Y., Lu, et al  
2016; 7: 11358
- **Regulation of DLK1 by the maternally expressed miR-379/miR-544 cluster may underlie callipyge polar overdominance inheritance** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Gao, Y., Chen, X., Wang, P., Lu, L., Zhao, W., Chen, C., Chen, C., Tao, T., Sun, J., Zheng, Y., Du, J., Li, C., Gan, et al  
2015; 112 (44): 13627–32
- **In vivo roles for myosin phosphatase targeting subunit-1 phosphorylation sites T694 and T852 in bladder smooth muscle contraction** *JOURNAL OF PHYSIOLOGY-LONDON*

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Chen, C., Chen, X., Qiao, Y., Wang, P., He, W., Zhang, C., Zhao, W., Gao, Y., Chen, C., Tao, T., Sun, J., Wang, Y., Gao, et al  
2015; 593 (3): 681–700

- **Myosin Light Chain Kinase (MLCK) Regulates Cell Migration in a Myosin Regulatory Light Chain Phosphorylation-independent Mechanism** *JOURNAL OF BIOLOGICAL CHEMISTRY*

Chen, C., Tao, T., Wen, C., He, W., Qiao, Y., Gao, Y., Chen, X., Wang, P., Chen, C., Zhao, W., Chen, H., Ye, A., Peng, et al  
2014; 289 (41): 28478–88

- **Myosin Phosphatase Target Subunit 1 (MYPT1) Regulates the Contraction and Relaxation of Vascular Smooth Muscle and Maintains Blood Pressure** *JOURNAL OF BIOLOGICAL CHEMISTRY*

Qiao, Y., He, W., Chen, C., Zhang, C., Zhao, W., Wang, P., Zhang, L., Wu, Y., Yang, X., Peng, Y., Gao, J., Kamm, K. E., Stull, et al  
2014; 289 (32): 22512–23

- **Altered contractile phenotypes of intestinal smooth muscle in mice deficient in myosin phosphatase target subunit 1** *GASTROENTEROLOGY*

He, W., Qiao, Y., Peng, Y., Zha, J., Zhang, C., Chen, C., Chen, C., Wang, P., Yang, X., Li, C., Kamm, K. E., Stull, J. T., Zhu, et al  
2013; 144 (7): 1456–U233

- **Role of myosin light chain kinase in regulation of basal blood pressure and maintenance of salt-induced hypertension** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*

He, W., Qiao, Y., Zhang, C., Peng, Y., Chen, C., Wang, P., Gao, Y., Chen, C., Chen, X., Tao, T., Su, X., Li, C., Kamm, et al  
2011; 301 (2): H584–H591