

## **Zhen Wang, Ph.D.**

Postdoctoral Research Associate

### Education

September 2013 to June 2018: Department of Biochemistry and Molecular Biology, College of Life Sciences, Wuhan University, Wuhan, China.

Awarded the degree of Ph.D. for a thesis titled “The mechanism of epigenetic inhibitors-induced cell autophagy.” Work supervised by Dr. Min Wu and Dr. Lianyun Li

### Publications

1. Xiao, Q., Wang, C.Y., Gao, C., Chen, J.D., Chen J.J., Wang, Z., et al. (2022). Regulation of KDM5C stability and enhancer reprogramming in breast cancer. *Cell Death Dis.* 13(10), 843.
2. Chen, G., Yang, Y., Wu, Q.J., Cao, L., Ruan, W., Shao, C., Jiang, L., Tang, P., Ma, S., Jiang, A., Wang, Z., et al. (2022). ILF3 represses repeat-derived microRNAs targeting RIG-I mediated type I interferon response. *J Mol Biol* 434, 167469.
3. Hu, Q.X., Wang, H.Y., Jiang, L., Wang, C.Y., Ju, L.G., Zhu, Y., Zhong, B., Wu, M., Wang, Z\*., and Li, L.Y. (2021). Histone demethylase LSD1 promotes RIG-I poly-ubiquitination and anti-viral gene expression. *PLoS pathogens* 17, e1009918. (\*corresponding author)
4. Wang, Z., Chen, J., Gao, C., Xiao, Q., Wang, X.W., Tang, S.B., Li, Q.L., Zhong, B., Song, Z.Y., Shu, H.B., et al. (2021). Epigenetic Dysregulation Induces Translocation of Histone H3 into Cytoplasm. *Advanced science* 8, e2100779.
5. Wang, Z., Long, Q.Y., Chen, L., Fan, J.D., Wang, Z.N., Li, L.Y., Wu, M., and Chen, X. (2017). Inhibition of H3K4 demethylation induces autophagy in cancer cell lines. *Biochimica et biophysica acta Molecular cell research* 1864, 2428-2437.
6. Su, S.K., Li, C.Y., Lei, P.J., Wang, X., Zhao, Q.Y., Cai, Y., Wang, Z., Li, L., and Wu, M. (2016). The EZH1-SUZ12 complex positively regulates the transcription of NF-kappaB target genes through interaction with UXT. *Journal of cell science* 129, 2343-2353.