

## **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. 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.
2. 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)
3. 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.
4. 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.
5. 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.