

## CURRICULUM VITAE YAO-ZHONG ZHANG

### CURRENT POSITION

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### RESEARCH GRANTS

- **2015-202** Grant-in-Aid for Scientific Research on Innovative Areas (Research in a proposed research area) (15H05912)

### PUBLICATIONS

1. Inoue, D., Fujino, T., Sheridan, P., Zhang, Y. Z., Nagase, R., Horikawa, S., ... Kitamura, T. (2018). A novel ASXL1-OGT axis plays roles in H3K4 methylation and tumor suppression in myeloid malignancies. *Leukemia*, 32(6), 1327–1337.
2. Tsuda, Y., Tanikawa, C., Miyamoto, T., Hirata, M., Yodsurang, V., Zhang, Y. Z., ... Matsuda, K. (2017). Identification of a p53 target, CD137L, that mediates growth suppression and immune response of osteosarcoma cells. *Scientific Reports*, 7(1).
3. Miyamoto, T., Tanikawa, C., Yodsurang, V., Zhang, Y. Z., Imoto, S., Yamaguchi, R., ... Matsuda, K. (2017). Identification of a p53-repressed gene module in breast cancer cells. *Oncotarget*, 8(34), 55821–55836.
4. Zhang, Y. Z., Imoto, S., Miyano, S., & Yamaguchi, R. (2017). Reconstruction of high read-depth signals from low-depth whole genome sequencing data using deep learning. In *Proceedings - 2017 IEEE International Conference on Bioinformatics and Biomedicine, BIBM 2017* (Vol. 2017-January, pp. 1227–1232). Institute of Electrical and Electronics Engineers Inc.
5. Zhang, Y. zhong, Yamaguchi, R., Imoto, S., & Miyano, S. (2017). Sequence-specific bias correction for RNA-seq data using recurrent neural networks. *BMC Genomics*, 18.
6. Tanikawa, C., Zhang, Y. zhong, Yamamoto, R., Tsuda, Y., Tanaka, M., Funauchi, Y., ... Matsuda, K. (2017). The Transcriptional Landscape of p53 Signalling Pathway. *EBioMedicine*, 20, 109–119.