

Yan Gao

Basic Life Science Research Scientist, OHNS/Research Division

Publications

PUBLICATIONS

- **Sensory deficit screen identifies nsf mutation that differentially affects SNARE recycling and quality control.** *Cell reports*
Gao, Y., Khan, Y. A., Mo, W., White, K. I., Perkins, M., Pfuetzner, R. A., Trapani, J. G., Brunger, A. T., Nicolson, T.
2023; 42 (4): 112345
- **Temporal Vestibular Deficits in synaptotagmin 1 (synj1) Mutants.** *Frontiers in molecular neuroscience*
Gao, Y., Nicolson, T.
2020; 13: 604189
- **Similarity in gene-regulatory networks suggests that cancer cells share characteristics of embryonic neural cells** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Zhang, Z., Lei, A., Xu, L., Chen, L., Chen, Y., Zhang, X., Gao, Y., Yang, X., Zhang, M., Cao, Y.
2017; 292 (31): 12842–59
- **Kruppel-like factor family genes are expressed during Xenopus embryogenesis and involved in germ layer formation and body axis patterning** *DEVELOPMENTAL DYNAMICS*
Gao, Y., Cao, Q., Lu, L., Zhang, X., Zhang, Z., Dong, X., Jia, W., Cao, Y.
2015; 244 (10): 1328–46
- **Jmjd6 Domain-containing Protein 6 (Jmjd6) Derepresses the Transcriptional Repressor Transcription Factor 7-like 1 (Tcf7l1) and Is Required for Body Axis Patterning during Xenopus Embryogenesis** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Zhang, X., Gao, Y., Lu, L., Zhang, Z., Gan, S., Xu, L., Lei, A., Cao, Y.
2015; 290 (33): 20273–83
- **Kdm2a/b Lysine Demethylases Regulate Canonical Wnt Signaling by Modulating the Stability of Nuclear beta-Catenin** *DEVELOPMENTAL CELL*
Lu, L., Gao, Y., Zhang, Z., Cao, Q., Zhang, X., Zou, J., Cao, Y.
2015; 33 (6): 660–74
- **Kdm2a/b Lysine Demethylases Regulate Canonical Wnt Signaling by Modulating the Stability of Nuclear beta-Catenin** *Developmental Cell*
Lu*, L., Gao*, Y., Zhang, Z., Cao, Q., Zhang, X., Zou, J., Cao, Y.
2015
- **Klf4 is required for germ-layer differentiation and body axis patterning during Xenopus embryogenesis** *DEVELOPMENT*
Cao, Q., Zhang, X., Lu, L., Yang, L., Gao, J., Gao, Y., Ma, H., Cao, Y.
2012; 139 (21): 3950–61