STANFORD ADVISORS

• Teresa Nicolson, Postdoctoral Faculty Sponsor
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PUBLICATIONS

• 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

• JmjC 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 #-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