Stanford

Zhen Qi

Postdoctoral Research Fellow, Stem Cell Biology and Regenerative Medicine

Bio

HONORS AND AWARDS

- National Scholarship for Graduate Student, Ministry of Education of the People's Republic of China (2015)
- Excellent New Student Award, Tsinghua University (2011)
- National Encouragement Scholarship, Ministry of Education of the People's Republic of China (2010)
- First-rank Student Scholarship, Shangdong University (2007-2011)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate member, American Association for Cancer Research (2018 - present)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Tsinghua University (2017)
- Bachelor of Science, Shandong University (2011)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The majority of cancer deaths are actually due to spread of the disease to other organs. My research focuses on understanding the mechanisms of cancer metastasis.

LAB AFFILIATIONS

- Michael Clarke (10/2/2017)

Publications

PUBLICATIONS

- **Monolayer culture of intestinal epithelium sustains Lgr5+ intestinal stem cells.** *Cell discovery*
  Liu, Y., Qi, Z., Li, X., Du, Y., Chen, Y. G.
  2018; 4: 32
- **BMP restricts stemness of intestinal Lgr5+ stem cells by directly suppressing their signature genes.** *Nature communications*
  Qi, Z., Li, Y., Zhao, B., Xu, C., Liu, Y., Li, H., Zhang, B., Wang, X., Yang, X., Xie, W., Li, B., Han, J. J., Chen, et al
  2017; 8: 13824
- **The non-muscle-myosin-II heavy chain Myh9 mediates colitis-induced epithelium injury by restricting Lgr5+ stem cells.** *Nature communications*
  Zhao, B., Qi, Z., Li, Y., Wang, C., Fu, W., Chen, Y. G.
  2015; 6: 7166
- **Tankyrases maintain homeostasis of intestinal epithelium by preventing cell death.** *PLoS genetics*
  Ye, P., Chiang, Y. J., Qi, Z., Li, Y., Wang, S., Liu, Y., Li, X., Chen, Y. G.
  2018; 14 (9): e1007697

- **TGF# induced factor homeobox 1 promotes colorectal cancer development through activating Wnt/#-catenin signaling.** *Oncotarget*
  Wang, J. L., Qi, Z., Li, Y. H., Zhao, H. M., Chen, Y. G., Fu, W.
  2017; 8 (41): 70214–25
- **Regulation of intestinal stem cell fate specification.** *Science China. Life sciences*
  Qi, Z., Chen, Y. G.
  2015; 58 (6): 570–78
- **The Wnt Signaling Antagonist Dapper1 Accelerates Dishevelled2 Degradation via Promoting Its Ubiquitination and Aggregate-induced Autophagy.** *The Journal of biological chemistry*
  Ma, B., Liu, B., Cao, W., Gao, C., Qi, Z., Ning, Y., Chen, Y. G.
  2015; 290 (19): 12346–54
- **Dapper1 promotes autophagy by enhancing the Beclin1-Vps34-Atg14L complex formation.** *Cell research*
  Ma, B., Cao, W., Li, W., Gao, C., Qi, Z., Zhao, Y., Du, J., Xue, H., Peng, J., Wen, J., Chen, H., Ning, Y., Huang, et al
  2014; 24 (8): 912–24