

Zhen Qi

Basic Life Research Scientist, Stem Cell Bio Regenerative Med Institute

Publications

PUBLICATIONS

- **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
- **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
- **TGF β induced factor homeobox 1 promotes colorectal cancer development through activating Wnt/ β -catenin signaling.** *Oncotarget*
Wang, J. L., Qi, Z., Li, Y. H., Zhao, H. M., Chen, Y. G., Fu, W.
2017; 8 (41): 70214-70225
- **Regulation of intestinal stem cell fate specification.** *Science China. Life sciences*
Qi, Z., Chen, Y. G.
2015; 58 (6): 570-8
- **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