



Yimiao Qu

Instructor, Institute for Stem Cell Biology and Regenerative Medicine

Bio

ACADEMIC APPOINTMENTS

- Instructor, Institute for Stem Cell Biology and Regenerative Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Doctor of Science, Peking University, China , Integrated Life Sciences (Physics) (2019)
- Master of Science, Peking University, China , Biomedical Engineering (2012)
- Bachelor of Science, Shandong University, China , Biotechnology and Microbiology (2009)

Publications

PUBLICATIONS

- **Can developmental signals shatter or mend our genomes?** *Trends in genetics : TIG*
Qu, Y., Loh, K. M.
2024
- **Reshaping Waddington's developmental landscape.** *Nature reviews. Genetics*
Qu, Y., Loh, K. M.
2024
- **Whi5 is diluted and protein synthesis does not dramatically increase in pre-Start G1.** *Molecular biology of the cell*
Schmoller, K. M., Lanz, M. C., Kim, J., Koivomagi, M., Qu, Y., Tang, C., Kukhtevich, I. V., Schneider, R., Rudolf, F., Moreno, D. F., Aldea, M., Lucena, R., Skotheim, et al
2022; 33 (5): It1
- **Protocol for Titrating Gene Expression Levels in Budding Yeast** *STAR Protocols*
Qu, Y., Jiang, J., Yang, X., Tang, C.
2020; 1 (2): 100082
- **Cell Cycle Inhibitor Whi5 Records Environmental Information to Coordinate Growth and Division in Yeast** *CELL REPORTS*
Qu, Y., Jiang, J., Liu, X., Wei, P., Yang, X., Tang, C.
2019; 29 (4): 987+
- **Reliable cell cycle commitment in budding yeast is ensured by signal integration** *ELIFE*
Liu, X., Wang, X., Yang, X., Liu, S., Jiang, L., Qu, Y., Hu, L., Ouyang, Q., Tang, C.
2015; 4