Stanford

Ziqi Dong

Postdoctoral Scholar, Microbiology and Immunology

Bio

HONORS AND AWARDS

- Cambridge Trust Scholarship, Cambridge Trust (2019)
- PhD studentship for developmental mechanisms, Wellcome Trust (2019)

PROFESSIONAL EDUCATION

- PhD, University of Cambridge , Developmental Biology (2025)
- Mphil, University of Cambridge , Developmental Biology (2020)
- BS, Peking University , Biological Science (2019)

STANFORD ADVISORS

- Helen Blau, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Hypoxia promotes airway differentiation in the human lung epithelium** *CELL STEM CELL*
  Dong, Z., Wit, N., Agarwal, A., Reid, A., Dubal, D., Beier, S., Mahbubani, K. T., Saeb-Parsy, K., van den Ameele, J., Nathan, J. A., Rawlins, E. L.
  2025; 32 (11): 1705-1722

- **Deterministic nuclear reprogramming of mammalian nuclei to a totipotency-like state by Amphibian meiotic oocytes for stem cell therapy in humans** *BIOLOGY OPEN*
  Wen, M., Triana, H., Butler, R., Hu, H., Dai, Y., Lawrence, N., Hong, J., Garrett, N., Jones-Green, R., Rawlins, E. L., Dong, Z., Koziol, M. J., Gurdon, et al
  2024; 13 (3)

- **One-carbon metabolism is required for epigenetic stability in the mouse placenta** *FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY*
  Senner, C. E., Dong, Z., Prater, M., Branco, M. R., Watson, E. D.
  2023; 11: 1209928

- **A human fetal lung cell atlas uncovers proximal-distal gradients of differentiation and key regulators of epithelial fates** *CELL*
  He, P., Lim, K., Sun, D., Pett, J., Jeng, Q., Polanski, K., Dong, Z., Bolt, L., Richardson, L., Mamanova, L., Dabrowska, M., Wilbrey-Clark, A., Madissoon, et al
  2022; 185 (25): 4841-+

- **Chaperoning RPA during DNA metabolism** *CURRENT GENETICS*
  Li, S., Dong, Z., Yang, S., Feng, J., Li, Q.
  2019; 65 (4): 857-864