

# Stanford

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## Zihao Deng

Postdoctoral Scholar, Dermatology

### Bio

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#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### HONORS AND AWARDS

- Stanford School of Medicine Dean's Postdoctoral Fellowship, Stanford University (2025)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Monash University , Genetics (2023)
- Bachelor of Science (Honours), Monash University , Human Pathology (2019)
- Bachelor of Science, Monash University , Human Pathology and Developmental Biology (2018)

#### STANFORD ADVISORS

- Anthony Oro, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### LAB AFFILIATIONS

- Anthony Oro, Oro Laboratory (3/11/2024)

### Publications

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#### PUBLICATIONS

- **The renoprotective efficacy and safety of genetically-engineered human bone marrow-derived mesenchymal stromal cells expressing anti-fibrotic cargo.** *Stem cell research & therapy*  
Li, Y., Hunter, A., Wakeel, M. M., Sun, G., Lau, R. W., Broughton, B. R., Pino, I. E., Deng, Z., Zhang, T., Murthi, P., Del Borgo, M. P., Widdop, R. E., Polo, et al  
2024; 15 (1): 375
- **Single-cell transcriptomics reveals the cellular identity of a novel progenitor population crucial for murine neural tube closure** *HELIYON*  
Deng, Z., Carpinelli, M. R., Butt, T., Magor, G. W., Zhao, P., Gillinder, K. R., Perkins, A. C., Jane, S. M.  
2024; 10 (17)
- **Integrative analysis reveals marker genes for intestinal mucosa barrier repairing in clinical patients.** *iScience*  
Zhao, X. H., Zhao, P., Deng, Z., Yang, T., Qi, Y. X., An, L. Y., Sun, D. L., He, H. Y.  
2023; 26 (6): 106831
- **Dysregulation of Grainyhead-like 3 expression causes widespread developmental defects.** *Developmental dynamics : an official publication of the American Association of Anatomists*  
Deng, Z., Butt, T., Arhatari, B. D., Darido, C., Auden, A., Swaroop, D., Partridge, D. D., Haigh, K., Nguyen, T., Haigh, J. J., Carpinelli, M. R., Jane, S. M.  
2023; 252 (5): 647-667

- **Inhibition of retinoic acid signaling impairs cranial and spinal neural tube closure in mice lacking the Grainyhead-like 3 transcription factor.** *Biochemical and biophysical research communications*  
Deng, Z., Carpinelli, M. R., Butt, T., Magor, G. W., Perkins, A. C., Jane, S. M.  
2022; 635: 244-251
- **Germline Missense Variants in *SH2B3* Underpin Platelet Count Variation and Inherited MPN**  
Butler, L., Lee, C., Magor, G., Morris, R., Tallack, M., Lam, C., Ivey, A., Lin, J., Deng, Z., Grigg, A., Mason, J., Perchard, M., Weston, et al  
AMER SOC HEMATOLOGY.2022: 1093-1094
- **Grainyhead-like transcription factors: guardians of the skin barrier.** *Veterinary dermatology*  
Deng, Z., Cangkruma, M., Butt, T., Jane, S. M., Carpinelli, M. R.  
2021; 32 (6): 553-e152
- **Inactivation of Zeb1 in GRHL2-deficient mouse embryos rescues mid-gestation viability and secondary palate closure.** *Disease models & mechanisms*  
Carpinelli, M. R., de Vries, M. E., Auden, A., Butt, T., Deng, Z., Partridge, D. D., Miles, L. B., Georgy, S. R., Haigh, J. J., Darido, C., Brabletz, S., Brabletz, T., Stemmler, et al  
2020; 13 (3)