

Stanford

Zihao Deng

Postdoctoral Scholar, Dermatology

Bio

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

LAB AFFILIATIONS

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

Publications

PUBLICATIONS

- **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.
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- **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., Cangkrama, 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)