



Daniel Dan Liu

- MD Student, expected graduation Spring 2023
- Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2020
- MSTP Student

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BIO

Daniel received his bachelor's in molecular biology from Princeton University in 2018. His undergraduate research, conducted under the mentorship of Dr. Yibin Kang, centered around cancer metastasis and cancer stem cell biology. He is currently an MD-PhD candidate in the lab of Dr. Irving Weissman, where he researches human neural stem cells and primary brain malignancies.

Publications

PUBLICATIONS

- **Hysteresis control of epithelial-mesenchymal transition dynamics conveys a distinct program with enhanced metastatic ability** *NATURE COMMUNICATIONS*
Celia-Terrassa, T., Bastian, C., Liu, D., Ell, B., Aiello, N. M., Wei, Y., Zamalloa, J., Blanco, A. M., Hang, X., Kunisky, D., Li, W., Williams, E. D., Rabitz, et al
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- **Normal and cancerous mammary stem cells evade interferon-induced constraint through the miR-199a-LCOR axis** *NATURE CELL BIOLOGY*
Celia-Terrassa, T., Liu, D. D., Choudhury, A., Hang, X., Wei, Y., Zamalloa, J., Alfaro-Aco, R., Chakrabarti, R., Jiang, Y., Koh, B., Smith, H. A., DeCoste, C., Li, et al
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- **The role of ultrasound in enhancing mesenchymal stromal cell-based therapies.** *Stem cells translational medicine*
Liu, D. D., Ullah, M., Concepcion, W., Dahl, J. J., Thakor, A. S.
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- **Trends in the characteristics of human functional genomic data on the gene expression omnibus, 2001-2017.** *Laboratory investigation; a journal of technical methods and pathology*
Liu, D. D., Zhang, L.
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- **Mesenchymal Stromal Cell Homing: Mechanisms and Strategies for Improvement.** *iScience*
Ullah, M., Liu, D. D., Thakor, A. S.
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- **Identification of Nidogen 1 as a lung metastasis protein through secretome analysis.** *Genes & development*
Ale#kovi#, M., Wei, Y., LeRoy, G., Sidoli, S., Liu, D. D., Garcia, B. A., Kang, Y.
2017; 31 (14): 1439-55
- **Ets2 anchors the prometastatic function of mutant p53 in osteosarcoma.** *Genes & development*
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