



Daniel Dan Liu

- MD Student, expected graduation Spring 2025
- Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2020
- MSTP Student
- Ph.D. Minor, Computer Science

Bio

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

- **Purification and characterization of human neural stem and progenitor cells.** *Cell*
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- **LCOR mediates interferon-independent tumor immunogenicity and responsiveness to immune-checkpoint blockade in triple-negative breast cancer.** *Nature cancer*
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- **A Clinical PET Imaging Tracer ([18F]DASA-23) to Monitor Pyruvate Kinase M2 Induced Glycolytic Reprogramming in Glioblastoma.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
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- **Hysteresis control of epithelial-mesenchymal transition dynamics conveys a distinct program with enhanced metastatic ability** *NATURE COMMUNICATIONS*
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- **Ets2 anchors the prometastatic function of mutant p53 in osteosarcoma.** *Genes & development*
Liu, D. D., Kang, Y.
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- **Identification of Nidogen 1 as a lung metastasis protein through secretome analysis.** *Genes & development*
Alečković, M., Wei, Y., LeRoy, G., Sidoli, S., Liu, D. D., Garcia, B. A., Kang, Y.
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- **Normal and cancerous mammary stem cells evade interferon-induced constraint through the miR-199a-LCOR axis** *NATURE CELL BIOLOGY*
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