Stanford

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Ph.D. Student in Cancer Biology, admitted Autumn 2022

Publications

PUBLICATIONS

- **Human HSPCs CRISPR-engineered to endogenously express oncogenic NRAS generate a transplantable lethal myeloid malignancy targetable with novel RAS therapeutics**
  Liu, S., Collins, C., Chavez, J., Choi, S., Koehnke, T., Majeti, R.
  ELSEVIER.2025: 5004-5005

- **Inhibition of DOCK1 prevents the clonal expansion of high-risk TP53-mutant clonal hematopoiesis induced by genotoxic stressors**
  Feng, Y., Koehnke, T., Patrick, B., Benard, B., Kayamori, K., Heaton, E., Collins, C., Chavez, J., Zhang, T., Gentles, A., Majeti, R.
  ELSEVIER.2025: 631-632

- **Title: In Vivo Clonal Tracing of Hematopoietic Stem and Progenitor Cells Reveals Increased Clonal Heterogeneity during Aging, Alongside Critical Changes in Selection Patterns**
  Naddaf, L., De Dominici, M., Chen, X., Kumar, P., Chavez, J. S., Roeder, T., Karmakar, S., Pietras, E. M., Oguro, H., Degregori, J., Li, S.
  ELSEVIER.2024: 2671-2672

- **ENGINEERING SEQUENTIAL MUTATIONS INTO HUMAN HSPCS YIELDS AN AGGRESSIVE MYELOID MALIGNANCY ALLOWING FOR INTERROGATION OF PRELEUKEMIC TRANSFORMATION**
  Collins, C., Nakauchi, Y., Koehnke, T., Chavez, J., Choi, S., Sharma, R., Zhao, F., Majeti, R.
  ELSEVIER SCIENCE INC.2024

- **ENGINEERING SEQUENTIAL MUTATIONS INTO HUMAN HSPCS YIELDS AN AGGRESSIVE MYELOID MALIGNANCY ALLOWING FOR INTERROGATION OF PRELEUKEMIC TRANSFORMATION**
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  ELSEVIER SCIENCE INC.2024

- **Engineering Sequential Mutations into Human HSPCs Yields an Aggressive Myeloid Malignancy Allowing for Interrogation of Preleukemic Transformation**
  Collins, C. T., Nakauchi, Y., Koehnke, T., Chavez, J. S., Choi, S., Sharma, R., Zhao, F., Majeti, R.
  AMER SOC HEMATOLOGY.2023