

Stanford



Sean Hunter

Postdoctoral Scholar, Stanford Cancer Center

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , CANBI-PHD (2020)
- BS, UCLA , Biochemistry (2013)

STANFORD ADVISORS

- Crystal Mackall, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **An engineered interleukin-1 decoy cytokine inhibits receptor signaling and proliferation in lung adenocarcinoma** *BIOENGINEERING & TRANSLATIONAL MEDICINE*
McIntosh, B. J., Hartmann, G. G., Yamada-Hunter, S. A., Liu, P., Williams, C. F., Sage, J., Cochran, J. R.
2023
- **Enhanced safety and efficacy of protease-regulated CAR-T cell receptors.** *Cell*
Labanieh, L., Majzner, R. G., Klysz, D., Sotillo, E., Fisher, C. J., Vilches-Moure, J. G., Pacheco, K. Z., Malipatlolla, M., Xu, P., Hui, J. H., Murty, T., Theruvath, J., Mehta, et al
2022
- **An engineered ligand trap inhibits leukemia inhibitory factor as pancreatic cancer treatment strategy.** *Communications biology*
Hunter, S. A., McIntosh, B. J., Shi, Y., Sperberg, R. A., Funatogawa, C., Labanieh, L., Soon, E., Wastyk, H. C., Mehta, N., Carter, C., Hunter, T., Cochran, J. R.
2021; 4 (1): 452
- **An engineered antibody binds a distinct epitope and is a potent inhibitor of murine and human VISTA.** *Scientific reports*
Mehta, N., Maddineni, S., Kelly, R. L., Lee, R. B., Hunter, S. A., Silberstein, J. L., Parra Sperberg, R. A., Miller, C. L., Rabe, A., Labanieh, L., Cochran, J. R.
2020; 10 (1): 15171
- **Stem Cell Factor LIFted as a Promising Clinical Target for Cancer Therapy.** *Molecular cancer therapeutics*
Shi, Y. n., Hunter, S. n., Hunter, T. n.
2019; 18 (8): 1337–40
- **Engineering a potent inhibitor of matriptase from the natural hepatocyte growth factor activator inhibitor type-1 (HAI-1) protein** *JOURNAL OF BIOLOGICAL CHEMISTRY*
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- **Development of a Protease Biosensor Based on a Dimerization-Dependent Red Fluorescent Protein** *ACS CHEMICAL BIOLOGY*
Mitchell, A. C., Alford, S. C., Hunter, S. A., Kannan, D., Sperberg, R., Chang, C. H., Cochran, J. R.
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- **Cell-Binding Assays for Determining the Affinity of Protein-Protein Interactions: Technologies and Considerations** *PEPTIDE, PROTEIN AND ENZYME DESIGN*
Hunter, S. A., Cochran, J. R.
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- **Scl Represses Cardiomyogenesis in Prospective Hemogenic Endothelium and Endocardium** *CELL*
Van Handel, B., Montel-Hagen, A., Sasidharan, R., Nakano, H., Ferrari, R., Boogerd, C. J., Schredelseker, J., Wang, Y., Hunter, S., Org, T., Zhou, J., Li, X., Pellegrini, et al
2012; 150 (3): 590-605