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MD Student with Scholarly Concentration in Clinical Research / Health Equity and Social Justice, expected graduation Spring 2028

Publications

PUBLICATIONS

- **An Integrated Clinical-Histopathologic Prediction Model for Cardiac Allograft Rejection: Translating Machine Learning into Clinical Risk Frameworks.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Kim, D. D., Madabhushi, A., Margulies, K. B., Peyster, E. G.
2026
- **Phenotyping Lipid-Lowering Therapies for Patients with ASCVD**
Somani, S., Kim, D., Ngo, S., King, S., Chen, T., Hernandez-Boussard, T., Rodriguez, F.
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Performance Benchmarking of Smaller Language Models Against GPT-4 for Predicting Reasons for Oral Anticoagulation Nonprescription in Atrial Fibrillation**
Somani, S., Kim, D., Guerrero, E., Ngo, S., Nguyen, M., Sandhu, A., Alsentzer, E., Hernandez-Boussard, T., Rodriguez, F.
LIPPINCOTT WILLIAMS & WILKINS.2025
- **The E3 Ubiquitin ligase Cul5 limits ILC2 cell responses in the lung following helminth infection**
Guha, I., Manuel, J., Rico, I., Kim, D., Amin Dar, A., Porter, N., Herbert, D. R., Oliver, P. M.
OXFORD UNIV PRESS.2025
- **Effects of diagnostic delays in head and neck cancer patients presenting to the emergency department.** *Oral oncology*
Lee, M. Y., Huynh, J. D., Kim, D. D., Sunwoo, J. B., Chen, M. M.
2025; 168: 107467
- **The E3 ubiquitin ligase Cul5 regulates hematopoietic stem cell function for steady-state hematopoiesis in mice.** *The Journal of clinical investigation*
Tomishima, S. A., Kim, D. D., Porter, N., Guha, I., Dar, A. A., Ortega-Burgos, Y., Roof, J., Fazelinia, H., Spruce, L. A., Thom, C. S., Bowman, R. L., Oliver, P. M.
2025
- **An Integrated Clinical-Histopathologic Model for Predicting Future Cardiac Allograft Rejection**
Kim, D. D., Madabhushi, A., Margulies, K., Peyster, E. G.
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- **Understanding Reasons for Oral Anticoagulation Nonprescription in Atrial Fibrillation Using Large Language Models.** *Journal of the American Heart Association*
Somani, S., Kim, D. D., Perez-Guerrero, E., Ngo, S., Seto, T., Al-Kindi, S., Hernandez-Boussard, T., Rodriguez, F.
2025: e040419
- **Predicting right ventricular failure after left ventricular assist device implant: A novel approach.** *ESC heart failure*
Livingston, C. E., Kim, D., Serletti, L., Jin, A., Rao, S., Genuardi, M. V., Peyster, E. G.
2025
- **Granzyme F: Exhaustion Marker and Modulator of Chimeric Antigen Receptor T Cell-Mediated Cytotoxicity.** *Journal of immunology (Baltimore, Md. : 1950)*
Hay, Z. L., Kim, D. D., Cmons, J. M., Knapp, J. R., Kohler, M. E., Quansah, M., Zúñiga, T. M., Camp, F. A., Fujita, M., Wang, X. J., O'Connor, B. P., Slansky, J. E.

2024

- **c-Myc uses Cul4b to preserve genome integrity and promote antiviral CD8⁺T cell immunity.** *Nature communications*
Dar, A. A., Kim, D. D., Gordon, S. M., Klinzing, K., Rosen, S., Guha, I., Porter, N., Ortega, Y., Forsyth, K. S., Roof, J., Fazelinia, H., Spruce, L. A., Eisenlohr, et al
2023; 14 (1): 7098
- **PREDICTING TRANSIENT VS SUSTAINED RV FAILURE AFTER LVAD IMPLANTATION: A NOVEL APPROACH**
Livingston, C. E., Kim, D., Serletti, L., Jin, A., Peyster, E.
ELSEVIER SCIENCE INC.2023: 515
- **The ubiquitin ligase Cul5 regulates CD4⁺ T cell fate choice and allergic inflammation** *NATURE COMMUNICATIONS*
Kumar, B., Field, N. S., Kim, D. D., Dar, A. A., Chen, Y., Suresh, A., Pastore, C. F., Hung, L., Porter, N., Sawada, K., Shah, P., Elbulok, O., Moser, et al
2022; 13 (1): 2786
- **The impact of the tumor microenvironment on granzyme production by CD8 T cells**
Hay, Z., Kim, D., Silva, A., Slansky, J. E.
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- ***IN VIVO* MOLECULAR INVESTIGATION OF TAURINE AS A NOVEL THERAPEUTIC APPROACH TO TREATING GLUTATHIONE-DEFICIENT DISEASES IN A MOUSE MODEL OF HOMOCYSTINURIA**
Kim, D. D., Jiang, H., Maclean, K.
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