

## Tara Murty

- MD Student, expected graduation Spring 2026
- Ph.D. Student in Biophysics, admitted Spring 2020
- MSTP Student

### Publications

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#### PUBLICATIONS

- **Low Occurrence of Ocular Adverse Events after CAR-T Cell Therapy.** *Ocular oncology and pathology*  
Murty, T., Wai, K. M., Rahimy, E., Mruthyunjaya, P.  
2025; 11 (2): 104-108
- **Uveal melanoma following Bruton's tyrosine inhibitor use for the treatment of hematologic malignancies.** *American journal of ophthalmology case reports*  
Murty, T., Lin, J. H., Mruthyunjaya, P.  
2025; 38: 102345
- **Low Occurrence of Ocular Adverse Events after CAR-T Cell Therapy** *OCULAR ONCOLOGY AND PATHOLOGY*  
Murty, T., Wai, K. M., Rahimy, E., Mruthyunjaya, P.  
2025
- **CD22-Directed CAR T Cell Single Cell Multiomic Features Associated with Immune Effector Cell-Associated Hemophagocytic Lymphohistiocytosis-like Syndrome (IEC-HS)**  
Kramer, A., Murty, T., Chen, Y., Srinagesh, H., Hamilton, M. P., Mo, K. C., Prabhu, S., Desai, M., Kuo, A., Ehlinger, Z., Reynolds, W. D., Baird, J. H., Su, et al  
ELSEVIER.2024: 911-912
- **PRC2-AgeIndex as a universal biomarker of aging and rejuvenation.** *Nature communications*  
Moqri, M., Cipriano, A., Simpson, D. J., Rasouli, S., Murty, T., de Jong, T. A., Nachun, D., de Sena Brandine, G., Ying, K., Tarkhov, A., Aberg, K. A., van den Oord, E., Zhou, et al  
2024; 15 (1): 5956
- **Engineered CD47 protects T cells for enhanced antitumour immunity.** *Nature*  
Yamada-Hunter, S. A., Theruvath, J., McIntosh, B. J., Freitas, K. A., Lin, F., Radosevich, M. T., Leruste, A., Dhingra, S., Martinez-Velez, N., Xu, P., Huang, J., Delaidelli, A., Desai, et al  
2024
- **Immune determinants of CAR-T cell expansion in solid tumor patients receiving GD2 CAR-T cell therapy.** *Cancer cell*  
Kaczanowska, S., Murty, T., Alimadadi, A., Contreras, C. F., Duault, C., Subrahmanyam, P. B., Reynolds, W., Gutierrez, N. A., Baskar, R., Wu, C. J., Michor, F., Altreuter, J., Liu, et al  
2023
- **Deep myeloid cell profiling provides new insights into modulators of CAR T cell expansion in patients with pediatric solid tumors**  
Kaczanowska, S., Murty, T., Alimadadi, A., Contreras, C. F., Hedrick, C. C., Ramakrishna, S., Kaplan, R.  
AMER ASSOC IMMUNOLOGISTS.2023
- **Caudolenticular Gray Bridges of the Brain: A Magnetic Resonance Imaging Study.** *Clinical anatomy (New York, N.Y.)*  
Dang, B., Necker, F. N., Dhawan, S. S., Murty, T., Massoud, T. F.  
2023
- **Portal Venous Aneurysm.** *Radiology*  
Murty, T., Negrete, L.

2023: 221311

- **DEFINING T CELL EXHAUSTION AND MEMORY CORRELATES OF GD2 CAR T CELL EXPANSION IN PEDIATRIC PATIENTS WITH SOLID TUMOR MALIGNANCIES**  
Murty, T., Ramakrishna, S., Kaczanowska, S., Contreras, C., Duault, C., Balasubrahmanyam, P., Reynolds, W., Baskar, R., Jhaveri, A., Liu, Y., Altreuter, J., Michor, F., Pichavant, et al  
BMJ PUBLISHING GROUP.2022: A381
- **DEEP MYELOID CELL PROFILING PROVIDES NEW INSIGHTS INTO MODULATORS OF CAR T CELL EXPANSION IN PATIENTS WITH SOLID TUMOR MALIGNANCIES**  
Kaczanowska, S., Ramakrishna, S., Murty, T., Contreras, C., Alimadadi, A., Gutierrez, N., Jhaveri, A., Liu, Y., Altreuter, J., Michor, F., Duault, C., Balasubrahmanyam, P., Reynolds, et al  
BMJ PUBLISHING GROUP.2022: A418
- **Exploring the role of telomerase in senescence and exhaustion in CAR T cell immunotherapy**  
Murty, T., Ramello, M. C., Sotillo, E., Chen, L., Artandi, S. A., Mackall, C. L.  
AMER ASSOC CANCER RESEARCH.2022
- **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
- **Gene Editing to Enhance the Efficacy of Cancer Cell Therapies. *Molecular therapy : the journal of the American Society of Gene Therapy***  
Murty, T., Mackall, C. L.  
2021
- **PET reporter gene imaging and ganciclovir-mediated ablation of chimeric antigen receptor T-cells in solid tumors. *Cancer research***  
Murty, S., Labanieh, L., Murty, T., Gowrishankar, G., Haywood, T., Alam, I. S., Beinat, C., Robinson, E., Aalipour, A., Klysz, D. D., Cochran, J. R., Majzner, R. G., Mackall, et al  
2020
- **Intravital imaging reveals synergistic effect of CAR T-cells and radiation therapy in a preclinical immunocompetent glioblastoma model *Oncoimmunology***  
Murty, S., Haile, S. T., Beinat, C., Aalipour, A., Alam, I. S., Murty, T., Shaffer, T. M., Patel, C. B., Graves, E. E., Mackall, C. L., Gambhir, S. S.  
2020; 9 (1)