

Eden Deng

- MD Student with Scholarly Concentration in Informatics & Data-Driven Medicine, expected graduation Spring 2030
- Other Tech - Graduate, Technology & Digital Solutions

Publications

PUBLICATIONS

- **Integrative analysis of lung adenocarcinoma across diverse ethnicities and exposures.** *Cancer cell*
Satpathy, S., Clark, N. M., Chen, Y. J., Hosseini, N., Chang, Y. H., Hsiao, Y., Lei, J. T., Petralia, F., Chen, J. S., Geffen, Y., Heiman, D. I., Paul, I., Cho, et al
2025
- **Temporal Trends in the Utilization and Survival Outcomes of Lobar, Segmental, and Wedge Resection for Early-Stage NSCLC, 2004 to 2020.** *JTO clinical and research reports*
Deng, E. Z., Wang, X., Zhang, J., Stinchcombe, T. E., Yang, C. J., Altorki, N.
2025; 6 (3): 100794
- **Protocol for using Multiomics2Targets to identify targets and driver kinases for cancer cohorts profiled with multi-omics assays.** *STAR protocols*
Marino, G. B., Deng, E. Z., Clarke, D. J., Diamant, I., Resnick, A. C., Ma, W., Wang, P., Ma'ayan, A.
2024; 5 (4): 103457
- **RummaGEO: Automatic mining of human and mouse gene sets from GEO.** *Patterns (New York, N.Y.)*
Marino, G. B., Clarke, D. J., Lachmann, A., Deng, E. Z., Ma'ayan, A.
2024; 5 (10): 101072
- **Multiomics2Targets identifies targets from cancer cohorts profiled with transcriptomics, proteomics, and phosphoproteomics.** *Cell reports methods*
Deng, E. Z., Marino, G. B., Clarke, D. J., Diamant, I., Resnick, A. C., Ma, W., Wang, P., Ma'ayan, A.
2024; 4 (8): 100839
- **Rummagene: massive mining of gene sets from supporting materials of biomedical research publications.** *Communications biology*
Clarke, D. J., Marino, G. B., Deng, E. Z., Xie, Z., Evangelista, J. E., Ma'ayan, A.
2024; 7 (1): 482
- **Pan-cancer proteogenomics characterization of tumor immunity.** *Cell*
Petralia, F., Ma, W., Yaron, T. M., Caruso, F. P., Tignor, N., Wang, J. M., Charytonowicz, D., Johnson, J. L., Huntsman, E. M., Marino, G. B., Calinawan, A., Evangelista, J. E., Selvan, et al
2024; 187 (5): 1255-1277.e27
- **GeneRanger and TargetRanger: processed gene and protein expression levels across cells and tissues for target discovery.** *Nucleic acids research*
Marino, G. B., Ngai, M., Clarke, D. J., Fleishman, R. H., Deng, E. Z., Xie, Z., Ahmed, N., Ma'ayan, A.
2023; 51 (W1): W213-W224
- **Computational screen to identify potential targets for immunotherapeutic identification and removal of senescence cells.** *Aging cell*
Deng, E. Z., Fleishman, R. H., Xie, Z., Marino, G. B., Clarke, D. J., Ma'ayan, A.
2023; 22 (6): e13809
- **Replication of neural responses to monetary incentives and exploration of reward-influenced network connectivity in fibromyalgia.** *Neuroimage. Reports*
Park, S. H., Deng, E. Z., Baker, A. K., MacNiven, K. H., Knutson, B., Martucci, K. T.

2022; 2 (4)

- **Evaluation by Survival Analysis of Cold Pain Tolerance in Patients with Fibromyalgia and Opioid Use.** *Journal of pain research*
Deng, E. Z., Weikel, D. P., Martucci, K. T.
2022; 15: 2783-2799