Stanford

Teja Nikhil Peddada

- MD Student with Scholarly Concentration in Molecular Basis of Medicine, expected graduation Spring 2027
- Ph.D. Student in Molecular and Cellular Physiology with Scholarly Concentration in Molecular Basis of Medicine, admitted Autumn 2024
- MSTP Student

Bio

INSTITUTE AFFILIATIONS

- Member (Student), Cardiovascular Institute

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, University of Pittsburgh , Neuroscience (2020)

Publications

PUBLICATIONS

- **A biased allosteric modulator is a molecular glue for β2AR dimerization.** *Nature*
  Shen, J., Peddada, T. N., Komolov, K. E., De Pascali, F., Garces, A. M., Wang, H., Ehsan, M., Chae, P. S., Lerch, M. T., Benovic, J. L., Xu, J., Kobilka, B. K.
  2026
- **Allele-specific expression in the brain links genetic risk and cortical thinning in psychiatric disorders.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*
  Akula, N., Liu, S., Shah, S., Peddada, T. N., Sung, H., Raznahan, A., McMahon, F. J.
  2026
- **Mechanism-guided identification of antidepressant G protein-coupled receptor drug targets.** *Cell*
  Munguba, H., Arefin, A., Hasegawa, R., Posa, L., Romano, G. R., Peddada, T. N., Donatelle, A., Singh, A., Gutzeit, V. A., Vijay, A., Vaddi, P., Kristt, M., Shaver, et al
  2026
- **A cryptic pocket in CB1 drives peripheral and functional selectivity** *NATURE*
  Rangari, V., O'Brien, E. S., Powers, A. S., Slivicki, R. A., Bertels, Z., Appourchaux, K., Aydin, D., Ramos-Gonzalez, N., Mwirigi, J., Lin, L., Mangutov, E., Sobecks, B. L., Awad-Agbaria, et al
  2025
- **Exome-wide association study of treatment-resistant depression suggests novel treatment targets.** *Scientific reports*
  Shah, S. B., Peddada, T. N., Song, C., Mensah, M., Sung, H., Yavi, M., Yuan, P., Zarate, C. A., Mickey, B. J., Burmeister, M., Akula, N., McMahon, F. J.
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- **Spectrally Resolved Fiber Photometry for In Vivo Multi-Color Fluorescence Measurements.** *Current protocols*
  Zhou, J., Yeh, A., Meng, C., Papaneri, A. B., Peddada, T., Kobzar, N. P., Cui, G.
  2022; 2 (11): e587
- **Neurological Prognostication After Hypoglycemic Coma: Role of Clinical and EEG Findings** *NEUROCRITICAL CARE*
  Bouyaknouden, D., Peddada, T. N., Ravishankar, N., Fatima, S., Fong-Isariyawongse, J., Gilmore, E. J., Lee, J., Struck, A. F., Gaspard, N., CCEMRC
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- **Cobalt-induced oxidative stress contributes to alveolar/bronchiolar carcinogenesis in B6C3F1/N mice** *ARCHIVES OF TOXICOLOGY*
  Ton, T. T., Kovi, R. C., Peddada, T. N., Chhabria, R. M., Shockley, K. R., Flagler, N. D., Gerrish, K. E., Herbert, R. A., Behl, M., Hoenerhoff, M. J., Sills, R. C., Pandiri, A. R.
  2021; 95 (10): 3171-3190

- **Spectrally Resolved Fiber Photometry for Multi-component Analysis of Brain Circuits** *NEURON*
  Meng, C., Zhou, J., Papaneri, A., Peddada, T., Xu, K., Cui, G.
  2018; 98 (4): 707-+