Stanford

Rayyan Trebonias Jokhai

- MD Student, expected graduation Spring 2027
- Ph.D. Student in Developmental Biology, admitted Autumn 2021
- MSTP Student

Publications

PUBLICATIONS

- **Two parallel neural ectoderm progenitors contribute to the developing brain.** *Nature neuroscience*
  Jokhai, R. T., Dundes, C. E., Ahsan, H. S., Kang, R. S., Salomon-Shulman, R. E., Rajan, A., Kim, Y. S., Stanton, L. J., Xu, C., Do, S., McDonald, B. D., Andrade López, J. M., Urrutia, et al
  2026
- **BRAINSTEM NEUROMODULATORY NEURONS PROMOTE GLIOMA GROWTH LOCALLY AND VIA LONG-RANGE PROJECTIONS TO MIDLINE AND CORTICAL STRUCTURES**
  Drexler, R., Drinnenberg, A., Gavish, A., Yalcin, B., Shamardani, K., Rogers, A., Mancusi, R., Taylor, K., Kim, Y., Woo, P., Ravel, A., Tatlock, E., Jokhai, et al
  OXFORD UNIV PRESS INC.2024
- **Predictors of spine metastases at initial presentation of pediatric brain tumor patients: a single-institution study.** *Child's nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery*
  Rodrigues, A. J., Medress, Z. A., Sayadi, J., Bhambhvani, H., Falkson, S. R., Jokhai, R., Han, S. S., Hong, D. S.
  2022
- **Affinity-matured DLL4 ligands as broad-spectrum modulators of Notch signaling.** *Nature chemical biology*
  Gonzalez-Perez, D., Das, S., Antfolk, D., Ahsan, H. S., Medina, E., Dundes, C. E., Jokhai, R. T., Egan, E. D., Blacklow, S. C., Loh, K. M., Rodriguez, P. C., Luca, V. C.
  2022
- **Factors Which Predict Adverse Outcomes in Anterior Cervical Discectomy and Fusion Procedures in the Nonelderly Adult Population.** *Clinical spine surgery*
  Rodrigues, A. J., Jokhai, R., Varshneya, K., Stienen, M. N., Veeravagu, A.
  2022
- **The impact of osteoporosis on adult deformity surgery outcomes in Medicare patients.** *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society*
  Varshneya, K., Bhattacharjya, A., Jokhai, R. T., Fatemi, P., Medress, Z. A., Stienen, M. N., Ho, A. L., Ratliff, J. K., Veeravagu, A.
  2021
- **Factors which predict adverse events following surgery in adults with cervical spinal deformity.** *The bone & joint journal*
  Varshneya, K., Jokhai, R., Medress, Z. A., Stienen, M. N., Ho, A., Fatemi, P., Ratliff, J. K., Veeravagu, A.
  2021; 103-B (4): 734–38
- **Predictors of 2-year reoperation in Medicare patients undergoing primary thoracolumbar deformity surgery.** *Journal of neurosurgery. Spine*
  Varshneya, K., Jokhai, R. T., Fatemi, P., Stienen, M. N., Medress, Z. A., Ho, A. L., Ratliff, J. K., Veeravagu, A.
  2020: 1–5
- **Fluorofunctionalization of C=C Bonds with Selectfluor: Synthesis of beta-Fluoropiperazines through a Substrate-Guided Reactivity Switch** *JOURNAL OF ORGANIC CHEMISTRY*
  Capilato, J. N., Bume, D., Lee, W., Hoffenberg, L. E. S., Jokhai, R., Lectka, T.
  2018; 83 (23): 14234-14244

- **Direct, visible light-sensitized benzylic C-H fluorination of peptides using dibenzosuberenone: selectivity for phenylalanine-like residues** *TETRAHEDRON*
  Bume, D., Pitts, C., Jokhai, R., Lectka, T.
  2016; 72 (40): 6031-6036