

Stanford



Brenda Yu

Ph.D. Student in Biophysics, admitted Autumn 2019

Bio

HONORS AND AWARDS

- Graduate Research Fellow, National Science Foundation (2020 - 2023)
- Carol Tomlinson-Keasey Spirit of Leadership, University of California, Merced (2019)

EDUCATION AND CERTIFICATIONS

- Bachelor's of Science, University of California, Merced , Biological Sciences (2019)
- Bachelor's of Arts, University of California, Merced , Psychology (2019)

Research & Scholarship

CURRENT CLINICAL INTERESTS

- Drug Delivery Systems
- Neurological Disorders
- Psychiatric Therapeutic Processes
- Radiology, Interventional

LAB AFFILIATIONS

- Raag Airan, Airan Lab (9/23/2019)

Publications

PUBLICATIONS

- **High-throughput ultrasound neuromodulation in awake and freely behaving rats.** *Brain stimulation*
Di Ianni, T., Morrison, K. P., Yu, B., Murphy, K. R., de Lecea, L., Airan, R. D.
2023; 16 (6): 1743-1752
- **Pharmacokinetics-Pharmacodynamics Dissociation Indicative of Ketamine-Induced Plasticity as Revealed by Ultrasonic Ketamine Uncaging in Rat Medial Prefrontal Cortex**
Yu, B., Roy, K., Purohit, M., Xiang, Y., Azadian, M., Taoube, A., Kwan, A., Lopez, D., Airan, R.
SPRINGERNATURE.2023: 277-278
- **Acoustomechanically activatable liposomes for ultrasonic drug uncaging.** *bioRxiv : the preprint server for biology*
Purohit, M. P., Roy, K. S., Xiang, Y., Yu, B. J., Azadian, M. M., Muwanga, G., Hart, A. R., Taoube, A. K., Lopez, D. G., Airan, R. D.
2023
- **Ketogenic Diet as a Metabolic Therapy for Bipolar Disorder: Clinical Developments** *Journal of Affective Disorders Reports*

Yu, B., Oz, R., Sethi, S.
2022

● **Increasing Diversity in Radiology and Molecular Imaging: Current Challenges.** *Molecular imaging and biology*

Fite, B. Z., Hinostroza, V. n., States, L. n., Hicks-Nelson, A. n., Baratto, L. n., Kallianos, K. n., Codari, M. n., Yu, B. n., Jha, P. n., Shams, M. n., Stoyanova, T. n., Chapelin, F. F., Liu, et al
2021