

Stanford



Kanha Batra

Postdoctoral Scholar, Neurobiology

Bio

PROFESSIONAL EDUCATION

- Master of Science, University of California San Diego (2020)
- Doctor of Philosophy, University of California San Diego (2024)
- B.Tech., Indian Institute of Technology Delhi , Chemical Engineering (2018)
- M.S., University of California San Diego , Electrical & Computer Engineering (2020)
- Ph.D., University of California San Diego , Electrical & Computer Engineering (2024)

STANFORD ADVISORS

- Lisa Giocomo, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Predicting Future Development of Stress-Induced Anhedonia From Cortical Dynamics and Facial Expression.** *bioRxiv : the preprint server for biology*
Coley, A. A., Batra, K., Delahanty, J. M., Keyes, L. R., Pamintuan, R., Ramot, A., Hagemann, J., Lee, C. R., Liu, V., Adivikolanu, H., Cressy, J., Jia, C., Massa, et al
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- **Social Isolation Recruits Amygdala-Cortical Circuitry to Escalate Alcohol Drinking**
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- **Thalamus sends information about arousal but not valence to the amygdala.** *Psychopharmacology*
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- **Neurotensin orchestrates valence assignment in the amygdala.** *Nature*
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- **Cortical ensembles orchestrate social competition through hypothalamic outputs.** *Nature*
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- **Correcting B0 inhomogeneity-induced distortions in whole-body diffusion MRI of bone.** *Scientific reports*
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- **Voxel-level Classification of Prostate Cancer on Magnetic Resonance Imaging: Improving Accuracy Using Four-Compartment Restriction Spectrum Imaging.** *Journal of magnetic resonance imaging : JMRI*
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2021; 54 (3): 975-984