



Lindsay Paige Cameron

Postdoctoral Scholar, Psychiatry

Bio

PROFESSIONAL EDUCATION

- Bachelor of Science, McGill University (2022)
- Doctor of Philosophy, University of California Davis (2021)
- PhD, University of California Davis , Neuroscience (2021)
- BSc, McGill University , Pharmacology & Therapeutics (2013)

STANFORD ADVISORS

- Robert Malenka, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **The psychoplastogen tabernanthalog induces neuroplasticity without proximate immediate early gene activation.** *Nature neuroscience*
Aarrestad, I. K., Cameron, L. P., Fenton, E. M., Casey, A. B., Rijksketic, D. R., Patel, S. D., Sambyal, R., Johnson, S. B., Ly, C., Viswanathan, J., Barragan, E. V., Lozano, S. A., Seban, et al
2025
- **Beyond the 5-HT_{2A} Receptor: Classic and Nonclassic Targets in Psychedelic Drug Action.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
Cameron, L. P., Benetatos, J., Lewis, V., Bonniwell, E. M., Jaster, A. M., Moliner, R., Castrén, E., McCorvy, J. D., Palner, M., Aguilar-Valles, A.
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- **Sex-Specific Social Effects on Depression-Related Behavioral Phenotypes in Mice** *LIFE-BASEL*
Patel, S. D., Cameron, L. P., Olson, D. E.
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- **The evolution of the psychedelic revolution** *NEUROPSYCHOPHARMACOLOGY*
Cameron, L. P., Olson, D. E.
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- **An analog of psychedelics restores functional neural circuits disrupted by unpredictable stress.** *Molecular psychiatry*
Lu, J., Tjia, M., Mullen, B., Cao, B., Lukasiewicz, K., Shah-Morales, S., Weiser, S., Cameron, L. P., Olson, D. E., Chen, L., Zuo, Y.
2021
- **Citizen Science: Asking questions of psychedelic microdosing** *ELIFE*
Cameron, L. P.
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- **Directed Evolution of a Selective and Sensitive Serotonin Sensor via Machine Learning** *CELL*

Unger, E. K., Keller, J. P., Altermatt, M., Liang, R., Matsui, A., Dong, C., Hon, O. J., Yao, Z., Sun, J., Banala, S., Flanigan, M. E., Jaffe, D. A., Hartanto, et al
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● **A non-hallucinogenic psychedelic analogue with therapeutic potential** *NATURE*

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● **Identification of Psychoplastogenic N,N-Dimethylaminoisotryptamine (isoDMT) Analogues through Structure-Activity Relationship Studies** *JOURNAL OF MEDICINAL CHEMISTRY*

Dunlap, L. E., Azinfar, A., Ly, C., Cameron, L. P., Viswanathan, J., Tombari, R. J., Myers-Turnbull, D., Taylor, J. C., Grodzki, A., Lein, P. J., Kokel, D., Olson, D. E.
2020; 63 (3): 1142-1155

● **Psychedelic Microdosing: Prevalence and Subjective Effects** *JOURNAL OF PSYCHOACTIVE DRUGS*

Cameron, L. P., Nazarian, A., Olson, D. E.
2020; 52 (2): 113-122

● **Chronic, Intermittent Microdoses of the Psychedelic N,N-Dimethyltryptamine (DMT) Produce Positive Effects on Mood and Anxiety in Rodents** *ACS CHEMICAL NEUROSCIENCE*

Cameron, L. P., Benson, C. J., DeFelice, B. C., Fiehn, O., Olson, D. E.
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● **Dark Classics in Chemical Neuroscience: N,N-Dimethyltryptamine (DMT)** *ACS CHEMICAL NEUROSCIENCE*

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● **Effects of N,N-Dimethyltryptamine on Rat Behaviors Relevant to Anxiety and Depression** *ACS CHEMICAL NEUROSCIENCE*

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● **Psychedelics Promote Structural and Functional Neural Plasticity** *CELL REPORTS*

Ly, C., Greb, A. C., Cameron, L. P., Wong, J. M., Barragan, E., Wilson, P. C., Burbach, K. F., Zarandi, S., Sood, A., Paddy, M. R., Duim, W. C., Dennis, M. Y., McAllister, et al
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