



Allison Morningstar

Ph.D. Student in Neurosciences, admitted Autumn 2020

Bio

EDUCATION AND CERTIFICATIONS

- B.S., University of Rochester , Neuroscience (2019)

Publications

PUBLICATIONS

- **Early life stress modulates behavioral sensitivity to alcohol and promotes escalation of alcohol drinking.** *bioRxiv : the preprint server for biology*
Morningstar, A. R., Ledbury, O. S., Yu, A. C., Sardar, H., Rogers, E. T., Kandil, I. F., Fajardo, R. N., Benabou, M. E., Giardino, W. J.
2025
- **Sex-Specific Effects of Hypocretin Receptor Signaling in Corticotropin-Releasing Factor Neurons on Alcohol Drinking, Anxiety, and Extended Amygdala Neuronal Excitability** *BIOLOGICAL PSYCHIATRY: GLOBAL OPEN SCIENCE*
Ma, Y., Sardar, H., Benabou, M. E., Yu, A. C., Morningstar, A. R., Fajardo, R., Kandil, I. F., Rogers, E. T., Vassalli, A., Kauer, J. A., Giardino, W. J.
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- **A Distinct Subpopulation of Extended Amygdala Neurons Drives Food Intake.** *bioRxiv : the preprint server for biology*
Kandil, I. F., Rogers, E. T., Morningstar, A. R., Giardino, W. J.
2025
- **Developing a reverse translational model of low-intensity rTMS in alcohol use disorder: The influence of theta burst stimulation protocols on binge alcohol drinking in mice.** *Transcranial magnetic stimulation (2024)*
Dhungana, A., McCalley, D. M., Heath, A. M., Kraybill, E. P., Mojabi, F. S., Morales, J. M., Morningstar, A. R., Davis, A. K., Padula, C. B., Giardino, W. J., McNeerney, M. W.
2025; 4
- **Extended Amygdala Neural Circuits Linking Hormonal Influences on Body Temperature to Sleep and Circadian Rhythms**
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- **Enhancing GAT-3 in thalamic astrocytes promotes resilience to brain injury in rodents** *SCIENCE TRANSLATIONAL MEDICINE*
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2022; 14 (652): eabj4310
- **Young CSF restores oligodendrogenesis and memory in aged mice via Fgf17.** *Nature*
Iram, T., Kern, F., Kaur, A., Myneni, S., Morningstar, A. R., Shin, H., Garcia, M. A., Yerra, L., Palovics, R., Yang, A. C., Hahn, O., Lu, N., Shuken, et al
2022
- **Complement factor C1q mediates sleep spindle loss and epileptic spikes after mild brain injury** *SCIENCE*
Holden, S. S., Grandi, F. C., Aboubakr, O., Higashikubo, B., Cho, F. S., Chang, A. H., Forero, A., Morningstar, A. R., Mathur, V., Kuhn, L. J., Suri, P., Sankaranarayanan, S., Andrews-Zwilling, et al

2021; 373 (6560): 1217-+