

# Stanford

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## Keith Richard Murphy

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### Publications

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#### 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
- **A cluster of neuropeptide S neurons regulates breathing and arousal.** *Current biology : CB*  
Angelakos, C. C., Girven, K. S., Liu, Y., Gonzalez, O. C., Murphy, K. R., Jennings, K. J., Giardino, W. J., Zweifel, L. S., Sukko, A., Palmiter, R. D., Clark, S. D., Krasnow, M. A., Bruchas, et al  
2023
- **Dorsomedial and preoptic hypothalamic circuits control torpor.** *Current biology : CB*  
Yamaguchi, H., Murphy, K. R., Fukatsu, N., Sato, K., Yamanaka, A., de Lecea, L.  
2023
- **Cell type specific focused ultrasound neuromodulation in preclinical models of sleep and psychiatric disorders.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*  
Murphy, K. R., de Lecea, L.  
2023
- **A tool for monitoring cell type-specific focused ultrasound neuromodulation and control of chronic epilepsy.** *Proceedings of the National Academy of Sciences of the United States of America*  
Murphy, K. R., Farrell, J. S., Gomez, J. L., Stedman, Q. G., Li, N., Leung, S. A., Good, C. H., Qiu, Z., Firouzi, K., Butts Pauly, K., Khuri-Yakub, B. P., Michaelides, M., Soltesz, et al  
2022; 119 (46): e2206828119