Stanford

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Bio

ACADEMIC APPOINTMENTS

- Senior Research Scientist-Basic Life, Anesthesia - Adult Pain Medicine

Publications

PUBLICATIONS

- **Schwann cell-secreted PGE2 promotes sensory neuron excitability during development.** *Cell*
  Kantarci, H., Elvira, P. D., Thottumkara, A. P., O'Connell, E. M., Iyer, M., Donovan, L. J., Dugan, M. Q., Ambiel, N., Granados, A., Zeng, H., Saw, N. L., Brosius Lutz, A., Sloan, et al
  2024

- **Senescence of Primary Sensory Neurons as a Driver of Pain in Aging**
  Donovan, L. J., Bond, S. F., Lopez, A. P., Hansen, L., Jordan, C. E., Ram, A., Tawfik, V. L.
  CHURCHILL LIVINGSTONE.2024: 43

- **Determining the Functional Profile of Dorsal Root Ganglion Neurons Driving Osteoarthritis Pain**
  Brewer, C. L., Donovan, L. J., Kauer, J. A., Tawfik, V. L.
  CHURCHILL LIVINGSTONE.2024: 11

- **Repopulated spinal cord microglia exhibit a unique transcriptome and contribute to pain resolution.** *Cell reports*
  Donovan, L. J., Bridges, C. M., Nippert, A. R., Wang, M., Wu, S., Forman, T. E., Haight, E. S., Huck, N. A., Bond, S. F., Jordan, C. E., Gardner, A. M., Nair, R. V., Tawfik, et al
  2024; 43 (2): 113683

- **Aging and injury drive neuronal senescence in the dorsal root ganglia.** *bioRxiv : the preprint server for biology*
  Donovan, L. J., Brewer, C. L., Bond, S. F., Lopez, A. P., Hansen, L. H., Jordan, C. E., González, O. C., de Lecea, L., Kauer, J. A., Tawfik, V. L.
  2024

- **Newly Repopulated Spinal Cord Microglia Exhibit A Unique Transcriptome And Coincide With Sex-Independent Pain Resolution**
  Bridges, C. M., Donovan, L. J., Nippert, A. R., Wang, M., Wu, S., Forman, T. E., Haight, E. S., Huck, N. A., Jordan, C. E., Gardner, A. S., Nair, R. V., Tawfik, V. L.
  CHURCHILL LIVINGSTONE.2023: 5-6

- **Nociceptor Senescence Following Painful Peripheral Nerve Injury In Young And Aged Mice**
  Donovan, L. J., Lopez, A., Jordan, C. E., Gardner, A. S., Tawfik, V. L.
  CHURCHILL LIVINGSTONE.2023: 71-72

- **Sex-distinct microglial activation and myeloid cell infiltration in the spinal cord after painful peripheral injury.** *Neurobiology of pain (Cambridge, Mass.)*
  Huck, N. A., Donovan, L. J., Shen, H., Jordan, C. E., Muwanga, G. P., Bridges, C. M., Forman, T. E., Cordonnier, S. A., Haight, E. S., Dale-Huang, F., Takemura, Y., Tawfik, V. L.
  2022; 12: 100106