Catherine Garrison
Ph.D. Student in Chemistry, admitted Autumn 2016

Publications

PUBLICATIONS

• Evidence that toxin resistance in poison birds and frogs is not rooted in sodium channel mutations and may rely on "toxin sponge" proteins. *The Journal of general physiology*
  2021; 153 (9)

• Differential effects of modified batrachotoxins on voltage-gated sodium channel fast and slow inactivation. *Cell chemical biology*
  2021

• Structure-Activity Relationship Evaluation of Wasp Toxin beta-PMTX Leads to Analogs with Superior Activity for Human Neuronal Sodium Channels *ACS Medicinal Chemistry Letters*
  Garrison, C. E., Guan, W., Kato, M., Tamsett, T., Patel, T., Sun, Y., Pathak, T. P.
  2020; 11 (3): 353–57

• Veratridine: A Janus-Faced Modulator of Voltage-Gated Sodium Ion Channels. *ACS chemical neuroscience*
  2020

• Striatal Cholinergic Interneurons Modulate Spike-Timing in Striosomes and Matrix by an Amphetamine-Sensitive Mechanism *Frontiers in Neuroanatomy*
  Crittenden, J. R., Lacey, C. J., Weng, F., Garrison, C. E., Gibson, D. J., Lin, Y., Graybiel, A. M.
  2017; 11: 20

  2014; 4 (4): 879-888