



Epiphani Simmons

Postdoctoral Scholar, Neurology and Neurological Sciences

 Curriculum Vitae available Online

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Arizona , Neuroscience (2021)
- Bachelor of Science, University of Missouri , Biochemistry (2017)

STANFORD ADVISORS

- Marion Buckwalter, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **FDA-approved 5-HT_{1F} receptor agonist lasmiditan induces mitochondrial biogenesis and enhances locomotor and blood-spinal cord barrier recovery after spinal cord injury.** *Experimental neurology*
Simmons, E. C., Scholpa, N. E., Schnellmann, R. G.
2021; 341: 113720
- **Mitochondrial biogenesis as a therapeutic target for traumatic and neurodegenerative CNS diseases.** *Experimental neurology*
Simmons, E. C., Scholpa, N. E., Schnellmann, R. G.
2020; 329: 113309
- **5-hydroxytryptamine 1F Receptor Agonist Induces Mitochondrial Biogenesis and Promotes Recovery from Spinal Cord Injury.** *The Journal of pharmacology and experimental therapeutics*
Simmons, E. C., Scholpa, N. E., Cleveland, K. H., Schnellmann, R. G.
2020; 372 (2): 216-223
- **Time-to-treatment window and cross-sex potential of #2-adrenergic receptor-induced mitochondrial biogenesis-mediated recovery after spinal cord injury.** *Toxicology and applied pharmacology*
Scholpa, N. E., Simmons, E. C., Crossman, J. D., Schnellmann, R. G.
2021; 411: 115366
- **#2-adrenergic receptor-mediated mitochondrial biogenesis improves skeletal muscle recovery following spinal cord injury.** *Experimental neurology*
Scholpa, N. E., Simmons, E. C., Tilley, D. G., Schnellmann, R. G.
2019; 322: 113064