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Qualifications

PhD in Pharmacology & Neuroscience, UNT Health Science Center
MS in Pharmacology, UNT Health Science Center
BS in Pharmacy, University of Bombay

Publications

Metformin alters locomotor and cognitive function and brain metabolism in normoglycemic mice

Li, W., Chaudhari, K., Shetty, R., Winters, A., Gao, X., Hu, Z., Ge, W. P., Sumien, N., Forster, M., Liu, R. & Yang, S. H., 1 Jan 2019, In : *Aging and Disease*. 10, 5, p. 949-963 15 p.

Impure but not inactive: Behavioral pharmacology of dibenzylpiperazine, a common by-product of benzylpiperazine synthesis

Dolan, S. B., Shetty, R. A., Forster, M. J. & Gatch, M. B., 1 Jul 2018, In : *Journal of Psychopharmacology*. 32, 7, p. 802-810 9 p.

Creatine, creatine kinase, and aging

Sumien, N., Shetty, R. A. & Gonzales, E. B., 1 Jan 2018, *Subcellular Biochemistry*. Springer New York, p. 145-168 24 p. (Subcellular Biochemistry; vol. 90).

Retrograde conditioning of place preference and motor activity with cocaine in mice

Shetty, R. A., Rutledge, M. A. & Forster, M. J., 1 Feb 2017, In : *Psychopharmacology*. 234, 3, p. 515-522 8 p.

Coenzyme Q₁₀ and α -tocopherol reversed age-associated functional impairments in mice

Shetty, R. A., Ikonne, U. S., Forster, M. J. & Sumien, N., 1 Jan 2014, In : *Experimental Gerontology*. 58, p. 208-218 11 p.

Transient focal cerebral ischemia induces long-term cognitive function deficit in an experimental ischemic stroke model

Li, W., Huang, R-Q., Shetty, R. A., Thangthaeng, N., Liu, R., Chen, Z., Sumien, N., Rutledge, M., Dillon, G. H., Yuan, F., Forster, M. J., Simpkins, J. W. & Yang, S., 1 Nov 2013, In : *Neurobiology of Disease*. 59, p. 18-25 8 p.

Coenzyme Q10 supplementation reverses age-related impairments in spatial learning and lowers protein oxidation

Shetty, R. A., Forster, M. J. & Sumien, N., 1 Oct 2013, In : *Age*. 35, 5, p. 1821-1834 14 p.

Prolonged intake of coenzyme Q₁₀ impairs cognitive functions in mice

Sumien, N., Heinrich, K. R., Shetty, R. A., Sohal, R. S. & Forster, M. J., 1 Oct 2009, In : *Journal of Nutrition*. 139, 10, p. 1926-1932 7 p.

Endovascular middle cerebral artery occlusion in rats as a model for studying vascular dementia

Yang, S. H., Shetty, R. A., Liu, R., Sumien, N., Heinrich, K. R., Rutledge, M., Thangthaeng, N., Brun-Zinkernagel, A. M. & Forster, M. J., 1 Sep 2006, In : *Age*. 28, 3, p. 297-307 11 p.