NEUROTHERAPEUTICS SEMINAR SERIES

TEXAS A&M HEALTH
Institute of Pharmacology and Neurotherapeutics

Role of BDNF in the Pathophysiology and Treatment of Depression in Experimental Gulf War Illness

Tuesday, February 6, 2024

HSC Bryan Campus/HPEB LL43B

12:00 - 1:00 PM CT

Lunch Provided--- Q&A session and networking opportunity

Join via Zoom Meeting ID: 987 8568 9107 Passcode: 229504

Dr. Laxmikant Deshpande, Ph.D.

Professor, Department of Neurology, School of Medicine,
Virginia Commonwealth University, Virginia

Dr.Deshpande is a Professor in the Department of Neurology at Virginia Commonwealth University, Richmond, VA. Dr. Deshpande's research focuses on developing rodent models of organophosphate toxicities and identifying therapeutics for treating mortality and morbidity following organophosphate exposures. Grants from the NIH CounterACT program and the U.S. Department of Defense support his work.

He obtained an M.S. in Pharmaceutical Sciences from RTM Nagpur University, Maharashtra, India, and a Ph.D. in Pharmacology and Toxicology from Virginia Commonwealth University, Richmond, VA, USA. He did post-doctoral training at Virginia Commonwealth University, Richmond, VA. His research interests include Gulf War Illness, Organophosphate neurotoxicity, Mechanisms of Acquired Epilepsy (Status Epilepticus, Traumatic Brain Injury, Stroke), Epilepsy Co-morbidities (Depression, Cognitive impairment), Calcium homeostasis, and Cannabinoids and Excitability in Brain Disorders.

Under the auspices of NIH's CounterACT program, his team is identifying novel countermeasures to prevent mortality and morbidity following organophosphate intoxication. His DOD's Gulf War Illness Research Program focuses on mechanisms underlying neurological problems in the First Gulf War Veterans who may have been exposed to organophosphate nerve agents. His translational research is geared toward finding effective treatments for neurological morbidities following such exposures.

Dr. Deshpande

Host: Dr. Samba Reddy
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For more info, contact Dr. Sreevidhya Ramakrishnan at sreevidh@tamu.edu

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