

# NEUROTHERAPEUTICS SEMINAR SERIES



TEXAS A&M HEALTH

Institute of Pharmacology  
and Neurotherapeutics

## Novel Nanomedicine Therapies and Medical Countermeasures to Treat Corneal Diseases and Ocular Toxicants

Monday, November 27, 2023

HSC Bryan Campus/MREB 2 Room 1403

12:00 - 1:00 PM CT

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

Join via Zoom  Meeting ID: 942 5772 9124 Passcode: 052206

### Dr. Rajiv R. Mohan, PhD

*Curators' Distinguished Professor of Ophthalmology and Molecular Medicine*

*Ruth M. Kraeuchi Missouri Endowed Chair Professor of Ophthalmology*

*Director, One-health One-medicine Vision Research program,*

*School of Medicine and Veterinary Health Center, University of Missouri*

Dr. Rajiv R. Mohan's research is focused on studying pathophysiological mechanisms causing blindness from surgical trauma, chemical, and open-field blast injuries, and developing novel ophthalmic medicines, gene therapy, and nanomedicine modalities to prevent and treat vision loss in humans and service/companion animals using imaging, molecular techniques and preclinical models (rodent, rabbit, and pig in vivo), and human cornea in vitro and organ culture systems. His research program is continually funded through NIH, VA, and other grants. He has co-authored over 180 peer-reviewed journal articles, ten book chapters, and 400 meeting abstracts. He has received many prestigious national/international awards, including the "Newest and Most Innovative Research Award" from the Association for Research in Vision and Ophthalmology, the Mahatma Gandhi Pravasi Samman from India, and the Zoetis Award in Research Excellence. Dr. Mohan has regularly served in various institutional, federal, non-federal, and international grant review panels as a member, chair, and/or co-chair. He serves on the Editorial Board of more than ten journals, including Nature Scientific Report, Nanomedicine, Exp Eye Res, Trans Vis Sci & Tech, and PLOS One. Dr. Mohan has also served in various national and international vision research societies, including ARVO, World Ophthalmology Congress, IJMS, and Asia-ARVO.



Dr. Mohan

Host: Dr. Samba Reddy  
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