

NEUROTHERAPEUTICS SEMINAR SERIES



TEXAS A&M HEALTH

Institute of Pharmacology
and Neurotherapeutics

Developing Metabolism-based Therapies for Epilepsy and its Co-morbidities

Monday, April 28, 2025

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. Manisha Patel, Ph.D.

Professor and Associate Dean for Research and Graduate Studies, Skaggs School of Pharmacy and Pharmaceutical Sciences, University of Colorado Anschutz Medical Campus, Aurora, CO.

Dr. Patel is a Professor and Associate Dean for Research and Graduate Studies. She is the chief research officer and oversees graduate programs in the Skaggs School of Pharmacy and Pharmaceutical Sciences (SSPPS), which she was appointed to in her role in December 2022. She has been a faculty member at CU Anschutz since 2002. She has provided service and leadership on various institutional committees, including as Vice-Chair in the Department of Pharmaceutical Sciences and as a CU Anschutz Diversity, Equity and Inclusion Council member.

Dr. Patel received her Ph.D. in Pharmacology and Toxicology from Purdue University and postdoctoral training in Neuroscience at Duke University. Her laboratory focuses on the redox and metabolic basis of epilepsy, demonstrating the role of mitochondrial dysfunction in acquired epilepsy and in a zebrafish model of Dravet Syndrome. She has authored 120 scientific publications with over 14,000 citations and has been awarded numerous grants from the National Institutes of Health and foundations. She served as Associate Editor of *Epilepsia Open*, a contributing editor to *Epilepsy Currents*, and is on the editorial boards of *Free Radicals in Biology and Medicine* and *Redox Biology*. A past President of the American Epilepsy Society (AES), Dr. Patel has served on its Board of Directors, chaired multiple AES committees, co-chaired the Oxygen Radicals Gordon Research Conference, and contributed to scientific advisory boards of CURE and the Epilepsy Foundation's Innovation Institute.

Her honors include the Javits Neuroscience Award from NINDS, the CU Anschutz Distinguished Research Award, AES's Distinguished Service Award, the CURE Innovator Award, and the CU Anschutz Shell Prize for Research and Graduate Education.



Dr. Patel

Host: Dr. Samba Reddy
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