



Munmun Chattopadhyay, MSc, PhD

Associate Professor

Chair, IACUC

Paul L. Foster School of Medicine

COE in Diabetes and Metabolism

Texas Tech Health Science Center El Paso

*Novel Therapeutic Approaches Targeting Nerve Barrier Disruption
in Diabetic Painful Neuropathy*

Dr. Munmun Chattopadhyay is an Associate Professor in the Department of Molecular and Translational Medicine at Texas Tech University Health Sciences Center El Paso and Chair of the Institutional Animal Care and Use Committee at TTUHSC El Paso. Dr. Chattopadhyay received her MS degree in Zoology and Ph.D. in Neurosciences from Jiwaji University, Gwalior, India. After her post-doctoral training in Molecular Genetics at the National Institute of Immunology, New Delhi, India, she joined the University of Pittsburgh as a post-doctoral fellow in the Department of Neurology. She became a junior faculty in the Department of Neurology at the University of Michigan in 2010 and joined TTUHSC El Paso as an Assistant professor in 2014. Her research is focused on determining the impact of inflammatory mediators on the pathogenesis of diabetic complications. Her lab is currently investigating on the novel early biomarkers of inflammation and epigenetic modulators (histone modifications) involved in the progression of neuropathy, cardiac dysfunction and gastroparesis in diabetic animals and human subjects. She is also investigating how natural compounds and exercise could alter the progression of these complications. Dr. Chattopadhyay has been funded by NSF, NIH, ADA and other foundations; published more than 43 articles and 2 book chapters. Dr. Chattopadhyay received Faculty Service Award by Student Government Association, TTUHSC El Paso (2020), Women Worth Watching in STEM (2022) by Profiles in Diversity Journal and nominated for 3D Printing Industry (2021). She serves as an associate editor and editorial board member in a number of peer reviewed journals and panel member in several grant review committees including NIH, ADA, DoD, NSF and other international review panels including NIHR.