

Bio:

Prof. Huaxi Xu is Honorary Director and Professor at Institute of Neuroscience at Xiamen University, and formally Jeanne & Gary Herberger Leadership Chair and Director of Neuroscience Initiative at Sanford Burnham Prebys Medical Discovery Institute (SBP). He is co-Editor-in-Chief of *Molecular Neurodegeneration* (SCI IF 9.599 and Instant IF 13.65).

Dr. Xu obtained his doctoral degree from Albert Einstein College of Medicine in 1993 under joint supervision from Professor Dennis Shields and Professor Gunter Blobel (1999 Laureate of the Nobel Prize in Physiology or Medicine). Dr. Xu completed his postdoctoral studies at The Rockefeller University in the laboratory of Professor Paul Greengard (2000 Laureate of the Nobel Prize in Physiology or Medicine), where he carried out a variety of research projects characterizing signal transduction pathways in the central nervous system. In 1998 at The Rockefeller University, He was appointed Assistant Professor and then moved to SBP in 2003 as Associate Professor. He was promoted to full Professor in 2008, appointed Director of Neuroscience Initiative, and endowed with the Herberger Leadership Chair in Neuroscience in 2016.

Dr. Xu has received numerous research grant awards from the NIH and private foundations. He was awarded New Scholar Award from the Ellison Medical Foundation, such as American Federation for Aging Research (AFAR), American Health Assistance Foundation (AHAFA, now Bright Focus), Alzheimer's Association, Global Down Syndrome Foundation, The Tanz Family Fund, and the Cure Alzheimer's Fund. Dr. Xu received many awards such as The Ellison Medical Foundation New Scholars in Aging Award (1999), The Ruth Salta Junior Investigator Achievement Award (2003), Zenith Fellow Award from Alzheimer's Association (2008), the inaugural "Courage and Hope" from Alzheimer's Association (2012).

Prof. Xu has published over 170 SCI papers with more than 20,000 citations and an H index of 71 and is a coordinator and a principal leader of more than 50 research and collaborative projects.

Dr. Xu's current research fields include molecular and cellular mechanisms underlying multiple neurodegenerative diseases. His group has also engaged in pioneering research in investigating novel genes and pathways involved in neuronal function/dysfunction and cell death and integrating their cellular function to the pathogenesis of neurodegenerative diseases such as Alzheimer's disease, Down syndrome, and Progressive Supranuclear Palsy. To this end, his laboratory is also developing cellular and animal models to study neuronal and microglial function related to neurodegenerative dysfunction.

Terms of Appointment

Jan 2021 - Jan 2025