

Kunlin Jin, PhD.

Dr. Jin is a Tenured Professor at the University of North Texas Health Science Center, United States.

Dr. Jin is also the Chief-in-Editor of Aging and Disease (www.aginganddisease.org), and the CEO of International Society on Aging and Disease (www.isoand.org). Dr. Jin is an author of over 250 peer-reviewed papers. Dr. Jin's recent papers have been published in competitive journals including the JCI, PNAS and Nature. Dr. Jin's work has more than 31,236 citations with h-index 86. In addition, Dr. Jin also published 15 books or book chapters. More importantly, he has been a leader in several areas of investigation related to stroke, specifically the roles of adult neurogenesis and of endogenous neuroprotective proteins in regulating the brain's response to ischemic injury and, most recently, the effect of aging on these processes. During his follow-up work, he made incredible findings that will profoundly influence the way we think about treatment of brain diseases by cell replacement using stem cells. Dr. Jin first discovered that brain injuries, including those caused by stroke and neurodegenerative diseases such as Alzheimer's disease, can stimulate stem cells to generate new neurons in rodents as well as in human. In addition, his encouraging findings include how these neural stem cells can be manipulated by growth factors FGF-2, EGF, VEGF and SCF, even after intranasal administration. For many years, there has been the hope that stem cells may open a new avenue for the treatment of brain diseases. Dr. Jin's discoveries make this a reality.

Speech Title: Neuroinflammation and Vascular Dementia.