

Postdoctoral fellowship in Oxidative Stress, Neurodegeneration and Cell Death

A postdoctoral training position to study PARP functions in development/neurodegeneration is immediately available in the laboratory of [Dr. Yingfei Wang](#) in Departments of Pathology and Neurology at UT Southwestern Medical Center. Wang lab studies 1) oxidative stress/mitochondrial dysfunction-induced neurodegeneration and neuronal cell death in aging-related neurological diseases (Wang Y *et al.*, *Science*, 2016; Liu S *et al.*, *Molecular Neurodegeneration*, 2021; Wang Y *et al.*, *Molecular Psychiatry*, 2022) and 2) role of PARPs and PARP-1-dependent cell death (PARthanatos) regulators in cell death/growth following acute brain injury or cancers (Yang M *et al.*, *NAR* 2022; Wang Y *et al.*, *Nature Communications* 2021; Ruan Z *et al.*, *Cell Mol Life Sci* 2021). Our goal is to understand the role of PARPs and PARthanatos signaling regulation in health and diseases including neurodegeneration, ischemic stroke, or traumatic brain injury. Additional information can be found on our lab website, <http://www.utsouthwestern.edu/labs/wang-yingfei/>.

Candidates must hold a Ph.D. and/or M.D. degree in biological science or other related disciplines. Experience in Neuroscience or Molecular Biology leading to publication in peer-reviewed journals is recommended.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

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