DNA Damage, Oxidative Stress, Neurodegeneration and Cell Death

Two postdoctoral training positions are available in the laboratory of Dr. Yingfei Wang in the Department of Pathology at UT Southwestern Medical Center to study 1) DNA damage/oxidative stress-induced mitochondrial dysfunction, neurodegeneration and neuronal cell death in aging related neurological diseases using conditional knockin/knockout mouse models (Science, 2016, 354(6308). pii: aad6872) and 2) DNA damage, PARP activation and nuclease functions in cell death/growth regulation in cancer cells (Science, 2016, 354(6308). pii: aad6872; J Clin Invest. 2018,128(5):1937-1955; Cancer Res. 2020, PMID: 33148660). Our goal is to understand the molecular mechanisms of DNA damage and oxidative stress-induced cell death in neurons and cancer cells. 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, Molecular Biology or cancer research leading to publication in peer-reviewed journals is recommended.

Information on our postdoctoral training program and benefits can be found in our Postdoc Handbook or 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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