

**Postdoctoral Fellow, Division of Neurotoxicology
National Center for Toxicological Research/FDA**

A postdoctoral fellowship opportunity is available in the Division of Neurotoxicology at the National Center for Toxicological Research (NCTR) on the Jefferson Laboratories Campus of the U.S. Food and Drug Administration (FDA) located in Jefferson, Arkansas.

The NCTR, located approximately 35 miles southeast of Little Rock, conducts FDA mission-related research that is of critical importance to the Agency in developing a scientifically sound basis for regulatory decisions. Over 110 Ph.D. scientists and 400 support scientists, on-site-contractors and administrative staff make up a dynamic group of professionals in the NCTR organization. Undergraduate and graduate students, post-doctoral fellows and visiting scientists also pursue education and research opportunities in a multi-disciplinary team atmosphere. For more information on NCTR research and training activities, visit <http://www.fda.gov/NCTR>.

The successful candidate will work closely with the Principal Investigator in a multi-disciplinary research effort and be trained in: (a) examining anesthetic-induced neurotoxicity in the developing brains of neonatal rodent models and exploring the effects of protective agents on such neuronal damage; (b) comparative analysis of molecular imaging and neuronal pathology for biomarker identification and its correlation with anesthetic-induced neurotoxicity using rodent tissues.

The primary opportunities of this position will be training in using the various techniques and instruments available in the NCTR's Division of Neurotoxicology, data analysis from these experiments, molecular imaging and neuropathological assays, presentation of findings at scientific meetings, and the publication of results in respected scientific journals.

This program is administered by the Oak Ridge Institute for Science and Education (ORISE) through its contract with the U.S. Department of Energy. The initial appointment is for one year but may be renewed for a maximum of three upon recommendation and contingent on the availability of funds. The participant will receive a monthly stipend commensurate with education level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at NCTR in Jefferson, Arkansas. Participants do not become employees of FDA or the program administrator.

Qualifications

Within the last five years, applicants must have received a Ph.D., M.D., or equivalent in neuroscience, neurobiology, or toxicology.

Interested individuals should send a curriculum vitae, and names of three references with complete contact information to Xuan Zhang, Division of Neurotoxicology, National Center for Toxicological Research/FDA, 3900 NCTR Road, Jefferson, Arkansas 72079; Phone 870-543-7355; fax 870-543-7745; Email: xuan.zhang@fda.hhs.gov

Applications will be accepted until the appointment is filled. Start date is now scheduled as December 1, 2019.

FDA/NCTR is a smoke free environment.