

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

A postdoctoral fellowship 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 (southeast of Little Rock).

The NCTR 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 with and be trained closely by the Principal Investigator (PI) in a multi-disciplinary research effort to evaluate the neurodevelopmental toxicity of perinatal cannabidiol (CBD) exposure. This project will assess behavioral, neurochemical, and neurobiological endpoints in rodents following perinatal exposure to CBD. Postdoctoral fellows will have the opportunity to learn various neurobehavioral assays and other molecular assays available in the Division of Neurotoxicology.

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 up to 3 years upon recommendation and contingent on the availability of funds. The participant will receive a monthly stipend commensurate with education level and experience. The participant is expected to present findings at scientific meetings (registration/travel expenses funded by ORISE) and publish results in respected scientific journals. 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

Applicants must have lived in the U.S. for 3 of the last 5 years. Within the last five years, applicants must have received a Ph.D., M.D., or equivalent in experimental psychology, neuroscience, neurobiology, or toxicology. Priority will be given to those with a strong background in studies of rodent neurodevelopment and behavior, or general behavioral neuroscience.

Desired qualifications include:

Excellent organization and time management skills

Design and implementation of rodent neurobehavioral assays, including operant conditioning paradigms

Understanding of rodent neurodevelopment

Basic understanding of neurochemistry and neurochemical assays

Interested individuals should send a curriculum vitae, and names of three references with complete contact information to Sherry Ferguson, Director, Division of Neurotoxicology.

Email: sherry.ferguson@fda.hhs.gov

Phone: 870-543-7589

Applications will be accepted until the appointment is filled.

Flexible start date. Desired start date April/May 2020.

FDA/NCTR is a smoke free environment.