VACANCY ANNOUNCEMENT

Department of Health and Human Services (HHS)

Food and Drug Administration (FDA), National Center for Toxicological Research (NCTR)

Division of Neurotoxicology

Title 42 U.S.C. 209(g)

Position: Senior Bio-Imaging Specialist, Division of Neurotoxicology

Series: This is an interdisciplinary, scientific position that will be filled in the biological sciences occupational series

Location: Jefferson, AR

Opening Date: TBD

Closing Date: TBD

Salary Range: Salary is commensurate with education and experience.

Area of Consideration: All U.S. Citizens or eligible foreign nationals

Special Notes: This position will be filled as a Title 42 209 (g) appointment. This is an Excepted Service position under Title 42. This appointment does not confer any entitlement to a position in the competitive service and no entitlement to Merit Systems Protection Board (MSPB) appeal rights.

Conditions of Employment:

Ethics Requirements: This position is subject to strict prohibited financial interest regulations which could restrict the type of financial interest (stock holdings) for the employee, the spouse, and minor children of the employee. Selectee for this position will be required to file a Confidential Disclosure Report (OGE 450) and may require the selectee to obtain clearance from the FDA Division of Ethics and Integrity before a final offer can be made. For additional information on the prohibited financial interests, please visit the FDA Ethics and Integrity Office website at http://www.fda.gov/AboutFDA/WorkingatFDA/Ethics/default.htm.
**Security and Background Requirements:** If not previously completed a background security investigation will be required for all appointees. Appointment will be subject to the applicant’s successful completion of a background security investigation and favorable adjudication. Failure to successfully meet these requirements may be grounds for appropriate personnel action. In addition, if hired, a background security investigation or supplemental investigation may be required at a later time. Applicants are also advised that all information concerning qualification is subject to investigation. False representation may be grounds for non-selection and/or appropriate disciplinary action.

**Duties/Responsibilities:**

This research position is available with the U.S. Department of Health and Human Services, Food and Drug Administration (FDA), National Center for Toxicological Research (NCTR), Division of Neurotoxicology in the Office of Research. NCTR is seeking a highly qualified scientist to assist with ongoing research projects into the imaging biomarkers of toxicity and drug safety. The successful candidate will participate in multi-disciplinary research efforts in a nationally recognized research program in support of FDA’s mission. Primary responsibilities for this position will be to conduct preclinical magnetic resonance imaging (MRI) and spectroscopy (MRS) assessments of small rodents (rats, mice) and non-human primates during their exposure to various toxicants including nicotine and tobacco smoke. A major focus of the research will involve the use of MRI/MRS methods to acquire in vivo data and the use of sophisticated mathematical algorithms and tools to provide comprehensive image analysis and construct specialized toolboxes for quantitative imaging biomarkers development and their potential qualification.

**Qualifications:**

- Candidates must meet the minimum qualification requirements for the GS-13 or above in the civil service General Schedule and have a strong scientific background and previous animal/imaging experience.

In addition, for this specific position, applicants must meet the following:

**Mandatory Professional/Technical Qualifications:**

Candidates must have a doctoral-level degree from an accredited institution of higher learning, including:

- Ph.D. or equivalent degree in the biological or health sciences.
- The incumbent must have a strong scientific background with an emphasis on magnetic resonance imaging and/or image analysis. Preference will be given to individuals with a demonstrated record of relevant accomplishments. Evidence of effective organizational
and decision-making capabilities and interpersonal and communication skills are required. Animal handling experience in research environment is desired.

**Salary:**
Commensurate with education and experience.

**Application Procedures:**
Candidates must submit a CV to:

Serguei Liachenko, M.D., Ph.D., Director of Bio-imaging, Division of Neurotoxicology
National Center for Toxicological Research/FDA, 3900 NCTR Road
Jefferson, Arkansas 72079

Phone: 870-543-7009; fax 870-543-7745; Email: Serguei.Liachenko@fda.hhs.gov