

**Opportunity Title:** FDA Postdoctoral Research Fellowship in Toxicology and COVID-19 Pathology

**Opportunity Reference Code:** FDA-NCTR-2021-0004

**Organization** U.S. Food and Drug Administration (FDA)

**Reference Code** FDA-NCTR-2021-0004

**How to Apply** *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the Apple App Store or Google Play Store to help you stay engaged, connected, and informed during your ORISE experience and beyond!

A complete application consists of:

- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Sample of peer reviewed publication (upload in the Writing Sample area)
- One educational or professional recommendation

All documents must be in English or include an official English translation.

If you have questions, send an email to [ORISE\\_FDA.NCTR@orau.org](mailto:ORISE_FDA.NCTR@orau.org). Please include the reference code for this opportunity in your email.

**Application Deadline** 2/12/2021 3:00:00 PM Eastern Time Zone

**Description** \*Applications will be reviewed on a rolling-basis.

A postdoctoral fellowship opportunity is currently available in the Division of Systems Biology, National Center for Toxicological Research (NCTR) of the U.S. Food and Drug Administration (FDA) Jefferson Laboratories Campus located in Jefferson, Arkansas, with a joint research station at the University of Tennessee Health Science Center (UTHSC) Regional Biocontainment Laboratory (RBL) in Memphis, Tennessee.

Research efforts will include participation in multi-disciplinary efforts in a nationally recognized training program in support of the FDA's mission. The participant will use a combination of pathological and toxicological approaches to evaluate potential effects of SARS-CoV-2 infection and therapeutic administration in a COVID-19 animal model during pregnancy and during development. S/he will have dual research stations at the UTHSC RBL in Memphis, TN, and the FDA NCTR campus in Jefferson, AR. S/he will be expected to collaborate with FDA investigators at NCTR, with investigators at UTHSC, and with investigators in other FDA Centers/Offices. During the project, s/he will be actively encouraged to present the research at internal and external meetings and publish the findings in peer-reviewed journals.

**Anticipated Appointment Start Date:** ~February 2021

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and FDA. The initial appointment is for one year, but may be renewed upon recommendation of FDA contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at FDA in the Memphis, Tennessee, and Jefferson, Arkansas, areas. Participants do not become employees of FDA, DOE or the program administrator, and there are no employment-related benefits.

Completion of a successful background investigation by the Office of Personnel Management is



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required for an applicant to be on-boarded at FDA. OPM can complete a background investigation only for individuals, including non-US Citizens, who have resided in the US for a total of three of the past five years.

FDA requires ORISE participants to read and sign their FDA Education and Training Agreement within 30 days of his/her start date, setting forth the conditions and expectations for his/her educational appointment at the agency. This agreement covers such topics as the following:

- Non-employee nature of the ORISE appointment;
- Prohibition on ORISE Fellows performing inherently governmental functions;
- Obligation of ORISE Fellows to convey all necessary rights to the FDA regarding intellectual property conceived or first reduced to practice during their fellowship;
- The fact that research materials and laboratory notebooks are the property of the FDA;
- ORISE fellow's obligation to protect and not to further disclose or use non-public information.

**Qualifications** The qualified candidate should have received a doctoral degree in one of the relevant fields, or be currently pursuing the degree with completion by the anticipated appointment start date. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Knowledge in the area of Reproductive & Developmental Biology, Toxicology, and/or Cellular Biology
- Prior experience in Reproductive & Developmental Biology is desired, especially with additional training/experience in Toxicology, Neurobiology, Infectious Diseases, Molecular and Cellular Biology, or a related field
- Demonstrated written and oral communications skills
- Demonstrated ability for teamwork
- Experience working with rodents and embryos

**Eligibility Requirements**

- **Degree:** Doctoral Degree received within the last 60 months or anticipated to be received by 2/28/2021 11:59:00 PM.
- **Discipline(s):**
  - **Life Health and Medical Sciences** ([46](#) 