

Opportunity Title: FDA Research Fellowship Evaluating Genetically Modified Vaccines

Opportunity Reference Code: FDA-CBER-2022-11

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

Reference Code FDA-CBER-2022-11

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
- 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.CBER@oraui.org. Please include the reference code for this opportunity in your email.

Description ***Applications will be reviewed on a rolling-basis, and this posting will remain open until filled.**

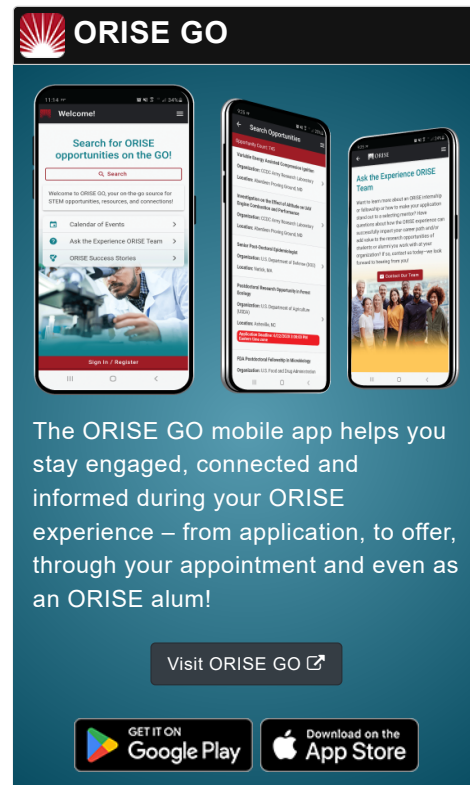
A research opportunity is currently available in the Office of Blood Research and Review (OBRR) at the Center for Biologics Evaluation and Research (CBER), Food and Drug Administration (FDA) in Silver Spring, Maryland.

This project will focus on evaluating the safety and efficacy of genetically modified live attenuated Leishmania parasite vaccines in pre-clinical experimental models. The selected participant will receive mentoring and training necessary to achieve the goals of the project. This project includes collaboration with investigators within or external to FDA. The participant will learn several analytical techniques including Flow Cytometry, RT-PCR, and bioinformatic analysis. The participant will be investigating the role of early biomarkers in protective immunity induced by immunization with live attenuated Leishmania parasites in appropriate animal models. The participant is expected to help collect, analyze and present the data to senior investigators on a regular basis.

Anticipated Appointment Start Date: February 2022; start date is flexible

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 five months, 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 Silver Spring, Maryland, area. 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 required for an applicant to be on-boarded at FDA. OPM can



Opportunity Title: FDA Research Fellowship Evaluating Genetically Modified

Vaccines

Opportunity Reference Code: FDA-CBER-2022-11

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 be currently pursuing or have received a bachelor's degree in one of the relevant fields. Degree must have been received within the past five years.

Preferred skills:

- Experience working in a biological or biomedical research lab/computational biology
- Working with laboratory animals
- Working knowledge of bio-informatic analysis

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
 - **Communications and Graphics Design** (2 )
 - **Life Health and Medical Sciences** (48 )

Affirmation

Have you lived in the United States for at least 36 out of the past 60 months? (36 months do not have to be consecutive.)