

Opportunity Title: FDA Fellowship in Immune Responses to Influenza and Respiratory Syncytia Virus

Opportunity Reference Code: FDA-CBER-2023-38

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

Reference Code FDA-CBER-2023-38

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.

Application Deadline 12/31/2024 3:00:00 PM Eastern Time Zone

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

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

A training opportunity is available for studying of humoral immune responses following SARS CoV-2 (COVID-19), RSV or influenza infections and vaccination in humans as well as animal studies to evaluate antibody responses to infection (influenza, RSV) after vaccination The candidate will be trained in advanced techniques developed in the lab including: in vitro cell cultures(viral infections); virus neutralization assays, cytokine production; whole genome gene-fragment phage display libraries (GFPDL); Surface plasmon resonance (SPR); recombinant protein expression in bacterial and mammalian systems; small animal models (vaccination and infection).

Anticipated Appointment Start Date: 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 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 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 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.



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FDA Ethics Requirements

If an ORISE Fellow, to include their spouse and minor children, reports what is identified as a Significantly Regulated Organization (SRO) or prohibited investment fund financial interest in any amount, or a relationship with an SRO, except for spousal employment with an SRO, and the individual will not voluntarily divest the financial interest or terminate the relationship, then the individual is not placed at FDA. For additional requirements, see [FDA Ethics for Nonemployee Scientists](#).



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 must have received or be currently pursuing a Ph.D., MS, MD in one of the relevant fields (Life Sciences). The degree must be received before the start of the appointment and within 3 years of the appointment start date.

Experience with molecular biology, viral techniques, cell cultures and small animals will be preferred.

Eligibility Requirements

- **Degree:** Master's Degree or Doctoral Degree received within the last 36 months or currently pursuing.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([3](#) )
 - **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.)

and

Do you expect to receive your degree prior to the start of the appointment?

and

I have read the FDA Ethics Requirements.