

Opportunity Title: FDA Proteomic Analysis to Develop Standards of Potency of Allergen Extracts Used to Diagnose and Treat Allergic Disease

Opportunity Reference Code: FDA-CBER-2026-0064

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

Reference Code FDA-CBER-2026-0064

How to Apply *To submit your application, scroll to the bottom of this opportunity and click APPLY.*

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@orau.org. Please include the reference code for this opportunity in your email.

Application Deadline 6/30/2026 3:00:00 PM Eastern Time Zone

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

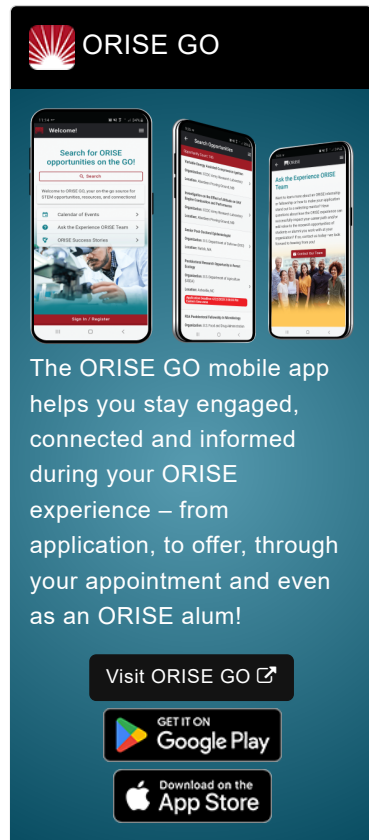
FDA Office and Location: A research opportunity is currently available at the Center for Biologics Evaluation and Research (CBER), Food and Drug Administration (FDA) located in Silver Spring, Maryland.

The Center for Biologics Evaluation and Research (CBER) is one Center within the Food and Drug Administration, an Agency within the United States Government's Department of Health and Human Services. CBER's mission is to protect and enhance the public health through the regulation of biological and related products including blood, vaccines, allergenics, tissues, and cellular and gene therapies.

Research Project: Allergen extracts are complex mixtures of proteins that are licensed biological substances used to diagnose and treat allergic diseases. Many allergen extracts distributed in the US have no measures of potency and therefore have no standards of quality. This project uses liquid chromatography/tandem mass spectrometry (LC/MS/MS) to determine measures of potency for extracts such that they are released with reliable potency standards. You will learn the theory and implementation of LC/MS/MS, including sample preparation, instrumentation, and data analysis. In addition, you will learn about the biology of allergic diseases, including how they are diagnosed and treated. Since these assays will be used to standardized licensed products, your efforts will have direct impact on public health.


Learning Objectives: Under the guidance of a mentor, you will:


- Develop an understanding of LC/MS/MS to analyze relative and




ORISE GO

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON
 Google Play

Download on the
 App Store

Opportunity Title: FDA Proteomic Analysis to Develop Standards of Potency of Allergen Extracts Used to Diagnose and Treat Allergic Disease

Opportunity Reference Code: FDA-CBER-2026-0064

absolute concentrations of specific proteins present in heterogenous mixtures of proteins such as allergenic extracts.

- Develop an understanding of IgE-mediated allergic disease, and how they are diagnosed and treated.
- Gain experience and become proficient in preparing samples for mass spectrometry and analyzing data generated by mass spectrometers.
- Become proficient in presenting scientific data in a seminar environment, at academic meetings, and for publication in a scientific journal.
- Learn how to read, interpret, and communicate complex data published in scientific literature.

The opportunity is intended for an individual who is considering an advanced degree in the health sciences--an M.D., Ph.D., or M.D./Ph.D. The opportunity will allow the individual to develop critical skills towards scientific thinking and analysis that are foundational to careers in clinical and translational medicine and in biological sciences. Previous ORISE post-baccalaureate fellows have progressed to successful careers in academic and clinical medicine and in one of the biological sciences.

Mentor: The mentor for this opportunity is Ronald Rabin (Ronald.Rabin@fda.hhs.gov). If you have questions about the nature of the research, please contact the mentor.

Anticipated Appointment Start Date: June 15, 2026. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year, but may be renewed upon recommendation of FDA and is contingent on the availability of funds.

Level of Participation: The appointment is full time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience.

Citizenship Requirements: This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details page](#) of the program website for information about the valid immigration statuses that are acceptable for program participation.

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 participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. Participants do not become employees of FDA, DOE or the program administrator, and there are no employment-related benefits.

Opportunity Title: FDA Proteomic Analysis to Develop Standards of Potency of Allergen Extracts Used to Diagnose and Treat Allergic Disease

Opportunity Reference Code: FDA-CBER-2026-0064

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.

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

Point of Contact [Ashley](#)

Eligibility Requirements

- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Discipline(s):**
 - **Life Health and Medical Sciences** ([5](#))

Affirmation I am a U.S. citizen, or I have lived in the United States for at least 36 out of the past 60 months. (36 months do not have to be consecutive.)
and
I have read the FDA Ethics Requirements.