

A focus of research in the Rosenfeld laboratory in the Center for Biologics Evaluation and Review at the FDA is to elucidate the mechanisms by which cross-species anti-enterovirus antibodies may affect virus pathogenesis.

Detailed Description

The research assistant will support the work on picornaviruses such as enterovirus D68, poliovirus, and human rhinoviruses, which includes genetic, biochemical and cell based studies for understanding multiple aspects of immune dysfunction associated with virus infection. The individual will carry out experiments in cell culture and participate in the development of small animal models for studying multiple aspects of virus infection including the tissue specific cellular immune response. All work will be carried out under BSL-2 conditions.

Minimum Qualifications

- Bachelor's degree in science is required; educational emphasis or strong background in molecular biology or cell biology and immunology is preferred. Experience with mammalian cell culture and virology is desired.
- Previous experience working in a research lab environment studying immunology, molecular/cell biology, microbiology, or biochemistry is required. Courses equivalent to a bachelor's degree in science, plus appropriate experience or additional education is acceptable.

Please send your CV to amy.rosenfeld@fda.hhs.gov