



Introduction

We are seeking an experienced, dynamic virologist with a strong interest in vaccine development to accelerate the pace of preclinical and clinical projects. GeoVax, an Atlanta-area clinical stage biotech, is developing vaccines for novel coronavirus (COVID-19), HIV, hemorrhagic fever viruses, cancers, Hepatitis B, and other indications using our advanced GV-MVA-VLP™ technology and other replication competent poxviruses. This is an exciting time to join our team as we plan the Phase 2b efficacy trial of our Clade B HIV vaccine and generate critical protection data from animal studies of our other vaccines in preclinical stages.

General Information

Job Title	Director of Virology
Job Type	Employee
Department	R&D
Reports to	Chief Scientific Officer
FLSA Category	Exempt
Location	Headquarters (Smyrna, GA)
Travel	<5%
Hours	Full-Time

Duties and Responsibilities

The Virologist is responsible for the development and management of all poxvirus-based vaccine candidates. Primary duties of the position include:

- Design, construct and in vitro characterize the vaccine candidates
- Serve as the company Biosafety Officer to assure recombinant DNA work is in compliance with all applicable laws and internal protocols
- Prepare and submit recombinant DNA paperwork to the IBC prior to initiation of laboratory work
- Optimize the yield of MVA recombinant viruses
- Purify the vaccine candidates from the parental strains
- Produce a premaster seed virus and a research virus stock for non-clinical testing
- Perform insert stability testing by multiple cell culture passages
- Participate in the design of animal studies
- Write comprehensive laboratory reports for internal use and submission to FDA
- Responsible for the quality of vaccine candidates
- Work with CMOs for the GMP manufacturing of GeoVax recombinant vaccines
- Assist in grant writing to secure non-diluted funding

GeoVax is a small, dynamic company. Our employees are flexible self-starters who contribute across multiple functional areas. In addition to the primary duties listed above, the Virologist is expected to contribute in these areas:

- Participation in the laboratory safety program



Prerequisites	
Education and Experience	Ph.D., postdoctoral training, and 5 years of relevant work experience M.Sc. and 10 years of relevant work experience
Knowledge	In-depth knowledge of: <ul style="list-style-type: none">• Virology• Molecular Biology• Pox-based vector design and development Working knowledge of: <ul style="list-style-type: none">• Execution of GLP-compliant studies• Methods for preparation of laboratory reports• Principles of grantsmanship
Experience	5 years of laboratory experience