

Infectious Disease and Vaccines

[#SWB06ID - Lead a research program that will focus upon novel approaches to conditionally regulate viral replication.](#)

Job Title: Postdoctoral Fellow – Science without Borders

Site: Gaithersburg, MD

Department: Research-Infectious Disease and Vaccines

Duration: 2 years

The Department of Infectious Disease at MedImmune is seeking a highly motivated postdoctoral fellow to lead a research program that will focus upon novel approaches to conditionally regulate viral replication. The successful candidate will become a member of the division of virology at MedImmune's Gaithersburg, MD campus and influence projects in diverse functional areas such as vaccines, gene & immunotherapeutics, as well as oncology. This position provides a unique opportunity to conduct academic-oriented research in a hub of drug discovery. Further, the postdoctoral fellow will have high visibility within MedImmune's longest standing department and have the opportunity to interact with senior leaders in both industry and academia.

Major Duties and Responsibilities:

The selected candidate will lead a program on a novel modality to control the replication of virus-based therapeutics. The tractability of utilizing small molecules to regulate the function of a biopharmaceutical will be evaluated by the postdoctoral fellow. The successful applicant will be responsible for the independent design and execution of experiments, as well as summarizing data and preparing publications.

Requirements/Qualifications:

Nationality: Brazilian citizenship or permanent residency

Education: PhD in Virology, Immunology, or a related biological science

Experience: Doctoral and/or Post-Doctoral research

Special Skills/Abilities:

Applicants would ideally possess a Ph.D. in virology (molecular and cell biology with virology experience is acceptable) and should be highly motivated, interactive, and intellectually involved. A minimum of 2 years of experience in a molecular biology lab is required. Preference will be given to applicants that have good working knowledge of general virology techniques, as well as basic molecular biology training (RNA/DNA extraction, cloning, qRT-PCR) and cell biology (tissue culture, cell viability assays). Candidates should be proficient in sequencing analysis (MacVector, Vector NTI, Sequencher, etc) and be able to analyze and report data independently.

Application Instructions:

If you are interested, please apply through the Ciência sem Fronteiras website [indicating](#) the number of the position.

