

Infectious Disease and Vaccines

[#SWB07ID - Lead an independent research project focused on understanding antibody effector function's role in the clearance of influenza disease.](#)

Job Title: Postdoctoral Fellow – Science without Borders

Site: Gaithersburg, MD

Department: Research-Infectious Disease and Vaccines

Duration: 2 years

We are seeking a highly motivated postdoctoral fellow to lead an independent research project focused on understanding antibody effector function's role in the clearance of influenza disease. The research will be conducted in MedImmune's state-of-the-art laboratories and will help drive innovation in those scientific areas of particular interest to MedImmune in achieving our vision to advance science and medicine to help people live better lives. The successful candidate will benefit from daily interaction with highly accomplished scientists with whom they will collaborate. The position offers a unique opportunity for a talented scientist to work in a dynamic and innovative environment and to develop their career at the interface of basic research and drug discovery.

Major Duties and Responsibilities:

Candidates will conduct research study to examine what antigen/antibody characteristics are responsible for a potent Fc-effector anti-influenza response in vitro as well further define the role they play in influenza clearance in vivo. The candidate will independently design and execute experiments and summarize data as well as prepare publications.

Requirements/Qualifications:

Nationality: Brazilian citizenship or permanent residency

Education: PhD in Microbiology/Virology, Immunology, or related discipline

Experience: Doctoral and/or Post-Doctoral research

Special Skills/Abilities:

Experience with molecular and cell biology, virology, biochemistry, animal modeling and immunological responses to viral infection by flow cytometry and/or MSD/ luminex are strongly preferred. Experience in performing ADCC and CDC assays are a plus. Must be motivated and capable of working independently as well as collaboratively. All applicants must have strong written and verbal communication skills in the fields of Microbiology, Immunology, or related topics. Demonstrated ability to conduct a complex research project and pursue multiple lines of investigation at the same time.

Application Instructions:

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

