

Antibody Discovery and Protein Engineering

#SWB14RIA - Lead an independent research project focused on investigating the role of gamma delta T cells in chronic obstructive pulmonary disease (COPD).

Job Title: Postdoctoral Fellow – Science without Borders

Site: Gaithersburg, MD

Department: Research-Antibody Discovery and Protein Engineering

Duration: 2 years

We are seeking a highly motivated postdoctoral fellow to join the department to lead an independent research project focused on investigating the role of gamma delta T cells in chronic obstructive pulmonary disease (COPD). The research will take place in MedImmune and will help increase our understanding of the pathogenic processes involved in COPD to aid in the identification of novel targets for this debilitating disease. The successful candidate will benefit from working with MedImmune scientists and external academic collaborators. The position offers a unique opportunity for career development in both basic research and the drug discovery process.

Major Duties and Responsibilities:

Candidates will conduct in vivo experiments to look at the expression and function of gamma delta T cells in murine COPD models and human blood samples. The candidate will independently design and execute experiments and summarize data as well as prepare presentations and publications.

Requirements/Qualifications:

Nationality: Brazilian citizenship or permanent residency

Education: PhD in Biochemistry, Immunology, or related discipline

Experience: Doctoral and/or Post-Doctoral research

Special Skills/Abilities:

Strong flow cytometry skills are essential. The applicant must have previous experience using multicolor flow cytometry panels including both extracellular and intracellular markers, and be familiar with flow cytometry software. In vivo experience highly desirable. Must be well-motivated and capable of working both independently and as part of a team. Must have at least one publication in the field of Immunology. All applicants must have strong written and verbal communication skills. Must previously have demonstrated ability to conduct a complex research project.

Application Instructions:

If you are interested, please apply through the *Ciência sem Fronteiras* website indicating the number of the position.