



MedImmune, Inc.

Job Description

Position #SWB30RIA

Job Title: Postdoctoral Fellow – Science without Borders

Site: Gaithersburg, MD

Department: Research - Respiratory Inflammation and Autoimmunity (RIA)

Duration: 2 years

We are seeking a highly motivated postdoctoral fellow with a background in neuroimmunology or macrophage biology to join the Respiratory Inflammation and Autoimmunity (RIA) department to lead an independent research project to investigate the role of microglia in neurodegeneration. The research will be conducted in MedImmune's state-of-the-art laboratories and will contribute to the advancement of science and a better understanding of the mechanisms that underlie disease for the development of innovative new medicines. The successful candidate will benefit from daily interaction with highly accomplished scientists and postdocs in a collaborative environment. 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 experiments to examine microglial function in the context of neurodegeneration and neuroinflammatory disease. The candidate will independently design and execute experiments, summarize data and prepare publications.

Requirements/Qualifications:

Nationality: Brazilian citizenship or permanent residency

Education: PhD in Immunology, or related discipline

Experience: Doctoral and/or Post-Doctoral research

Special Skills/Abilities:

Strong background in immunology and cellular biology with experience working with microglia or macrophages. Experience culturing primary cells and the development of cell-based in vitro assays. Skills should include multi-color flow cytometry, quantitative rtPCR, western blotting, protein analysis and cell signaling. Experience with confocal microscopy and image stream flow cytometry would be beneficial. In vivo experience preferred. Must be motivated and capable of working independently and collaboratively. All applicants must have strong written and verbal communication skills with publication(s) in the fields of immunology. Demonstrated ability to conduct a complex research project and pursue multiple lines of investigation at the same time.

Application Instructions:

Please note that these postdoctoral positions are advertised under an AZ/MedImmune partnership with Brazilian Science without Borders (SWB). If you are interested in any of these positions, please apply through the SWB website specifying the position number, [click here](#).