



MedImmune, Inc.

## Job Description

### **Position #SWB23ONC**

**Job Title:** Postdoctoral Fellow – Science without Borders

**Site:** MedImmune, Cambridge, UK

**Department:** Oncology (ONC)

**Duration:** 2 years

We are seeking a highly motivated postdoctoral fellow to join the Oncology (ONC) department to lead an investigational research project on the relationship between the mutational status of syngeneic tumours and the impact this has on the immune infiltrate into the tumour microenvironment.

### **Major Duties and Responsibilities:**

We have a position for a talented Postdoctoral Fellow to join a highly motivated and basic science-driven team that spans Oncology Research and the Antibody development and Protein engineering (ADPE) teams. The main focus of the project is to investigate how changes in the cancer genome affect the interaction with the host immune infiltrate by generating a panel of novel mouse syngeneic cell lines, using CRISPR technology, harbouring sequential cancer patient relevant mutations to enhance our understanding of the changing interactions between the tumour cells and host immune system during tumourigenesis.

### **Requirements/Qualifications:**

**Nationality:** Brazilian citizenship or permanent residency

**Education:** PhD in Cancer Biology, Immunology, or related discipline

**Experience:** Doctoral and/or Post-Doctoral research

### **Special Skills/Abilities:**

Knowledge around immunology and immunological assays (FACS, ELISA, MSD) preferably in mice is essential. A strong understanding of molecular biology is also highly desirable including techniques used for generation of new cell lines such as CRISPR. Experience of using mouse models of cancer and the design of in vivo pharmacology experiments especially the use of syngeneic models would be extremely beneficial. Must be able to make detailed observations and interpret results. The successful candidate must be capable of working both independently and collaboratively. All applicants must have strong written and verbal communication skills with an excellent publication record.

### **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](#).