

Biopharmaceutical Development

[#SWB04BPD - Develop a novel mammalian cell surface display platform to enable multi-dimensional selection for affinity and expression in the final manufacturing host cell line during antibody discovery and optimization.](#)

Job Title: Postdoctoral Fellow – Science without Borders

Site: Gaithersburg, MD

Department: Biopharmaceutical development- Cell Culture & Fermentation - Sciences and Research-Antibody Discovery and Protein Engineering

Duration: 2 years

Cell Culture & Fermentation Sciences in collaboration with Antibody Discovery and Protein Engineering is seeking a highly motivated postdoctoral fellow to develop a novel mammalian cell surface display platform to enable multi-dimensional selection for affinity and expression in the final manufacturing host cell line during antibody discovery and optimization. This research will be conducted in MedImmune's state-of-the-art laboratories in Gaithersburg, MD (USA), and will help to accelerate and streamline antibody progression from Research to Biopharmaceutical Development. This position offers a unique 2 year opportunity to work on a highly-collaborative, multi-disciplinary team spanning across multiple stages of drug development. The successful candidate will benefit from an environment emphasizing scientific rigor and encouraging of opportunities to publish and present their work.

Major Duties and Responsibilities:

The candidate will independently design and execute experiments, analyze data, present results and prepare publications.

Requirements/Qualifications:

Nationality: Brazilian citizenship or permanent residency

Education: PhD in molecular biology, cell biology, biochemical engineering or related disciplines

Experience: Doctoral and/or Post-Doctoral research

Special Skills/Abilities:

Experience with cell and molecular biology required. Experience with mammalian cell culture, protein expression and quantification, qPCR, ELISA and western blot strongly preferred. Experience with multiparameter flow cytometry desirable. Experience with antibody engineering, phage display or stable cell line generation desirable. Must be highly motivated and capable of working independently as well as collaboratively. Must have demonstrated ability to conduct a complex research project and pursue multiple lines of investigation at the same time. Must have the ability to maintain careful and timely documentation of experiments and results. All applicants must have strong written and verbal communication skills with an excellent publication record.

Application Instructions:

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