Stanford



Carlos Jose Rodriguez Santiago

Ph.D. Student in Chemical Engineering, admitted Autumn 2022

Bio

BIO

Carlos Rodriguez Santiago is a Chemical Engineering PhD candidate working in the lab of Dr. Judith Shizuru to develop protein therapeutics that will facilitate hematopoietic stem cell transplantation without the need for chemotherapy or radiation. His PhD thesis work is at the intersection of immunology, oncology, and protein engineering. Carlos is also a Sarafan CheM-H Lipshultz Graduate Fellow participating in the Chemistry/Biology Interface (CBI) Predoctoral training program which aims to cultivate interactions and thinking across disciplinary lines to enable innovations that improve human health.

Prior to his PhD work, Carlos helped found the Protein Engineering Knowledge Center (PEKC) at Stanfords Innovative Medicines Accelerator (IMA). There he collaborated with researchers to discover and engineer antibodies against therapeutically relevant targets. Several antibodies discovered by Carlos have officially been licensed out for further therapeutic development.