

Post-doc Position at Purdue University

A postdoctoral position is now available in the Bao lab at the Davidson School of Chemical Engineering, Purdue University, to work on immunoengineering for cancer therapy. The fellow will help to make hematopoietic stem cells and immune cells (T, B and NK cells) from human pluripotent stem cells (hPSCs), and investigate their effects on cancer treatment in mouse models. Primary T and NK cells will also be employed. The research will apply multidisciplinary tools including genome editing, adeno-associated virus (AAV)-mediated gene delivery, deep sequencing, and stem cell engineering to generate off-the-shelf cell products for treating cancer or degenerative diseases.

Eligible candidates should hold a Ph.D. in bioengineering or life science, or a related discipline before the starting date of the post-doc position. Previous experience with stem cells, immunology, cancer biology or animal models is a plus. Applicants should send their updated CV as well as names and contact information of two to three references to bao61@purdue.edu. For more information about Dr. Bao and his research, please visit: https://engineering.purdue.edu/ChE/people/ptProfile?resource_id=210038. Co-advisor will also be available to the qualified candidate via Lillian Gilbreth Postdoctoral Fellowships at Purdue Engineering: <https://engineering.purdue.edu/Engr/Research/GilbrethFellowships>