



Brenda Velasco

Ph.D. Student in Immunology, admitted Autumn 2017

Bio

EDUCATION AND CERTIFICATIONS

- Biochemistry B.S., California State University, Northridge , Biochemistry (2017)

Publications

PUBLICATIONS

- **Curing autoimmune diabetes in mice with islet and hematopoietic cell transplantation after CD117 antibody-based conditioning.** *The Journal of clinical investigation*
Bhagchandani, P., Ramos, S. A., Rodriguez, B., Gu, X., Pathak, S., Zhou, Y., Moon, Y., Nourin, N., Chang, C. A., Poyser, J., Velasco, B. J., Zhao, W., Kwon, et al
2025
- **Curative islet and hematopoietic cell transplantation in diabetic mice without toxic bone marrow conditioning.** *Cell reports*
Chang, C. A., Bhagchandani, P., Poyser, J., Velasco, B. J., Zhao, W., Kwon, H., Meyer, E., Shizuru, J. A., Kim, S. K.
2022; 41 (6): 111615
- **JSP191 As a Single-Agent Conditioning Regimen Results in Successful Engraftment, Donor Myeloid Chimerism, and Production of Donor Derived Naive Lymphocytes in Patients with Severe Combined Immunodeficiency (SCID)**
Agarwa, R., Dvorak, C. C., Prockop, S., Kwon, H., Long-Boyle, J. R., Le, A., Brown, J. W., Merkel, E., Truong, K., Velasco, B., Arulprakasam, K., Harada, N., Dougall, et al
AMER SOC HEMATOLOGY.2021
- **5-Azacytidine depletes hematopoietic stem cells and synergizes with an anti-CD117 antibody to augment donor engraftment in immunocompetent mice.** *Blood advances*
Bankova, A. K., Pang, W., Velasco, B. J., Long-Boyle, J. R., Shizuru, J. A.
2021
- **Antibody Conditioning Enables MHC-Mismatched Hematopoietic Stem Cell Transplants and Organ Graft Tolerance.** *Cell stem cell*
George, B. M., Kao, K. S., Kwon, H., Velasco, B. J., Poyser, J., Chen, A., Le, A. C., Chhabra, A., Burnett, C. E., Cajuste, D., Hoover, M., Loh, K. M., Shizuru, et al
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