

Preksha Bhagchandani

- MD Student, expected graduation Spring 2026
- Ph.D. Student in Immunology, admitted Autumn 2020
- MSTP Student

Publications

PUBLICATIONS

- **Improved conditioning for hematopoietic chimerism induces islet tolerance to cure diabetes.** *JCI insight*
Ramos, S. A., Bhagchandani, P., Burgos, D. M., Gu, X., Rodriguez, R., Nourin, N., Neukam, M., Pathak, S., Shizuru, J., Kim, S. K.
2026
- **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
- **A conserved Bacteroidetes antigen induces anti-inflammatory intestinal T lymphocytes.** *Science (New York, N.Y.)*
Bousbaine, D., Fisch, L. I., London, M., Bhagchandani, P., Rezende de Castro, T. B., Mimee, M., Olesen, S., Reis, B. S., VanInsberghe, D., Bortolatto, J., Poyet, M., Cheloha, R. W., Sidney, et al
2022; 377 (6606): 660-666
- **Islet cell replacement and transplantation immunology in a mouse strain with inducible diabetes.** *Scientific reports*
Bhagchandani, P., Chang, C. A., Zhao, W., Ghila, L., Herrera, P. L., Chera, S., Kim, S. K.
2022; 12 (1): 9033
- **Simultaneous recording and marking of brain microstructures** *JOURNAL OF NEURAL ENGINEERING*
Ramadi, K. B., Dagdeviren, C., Bhagchandani, P., Nunez-Lopez, C., Kim, M., Langer, R., Graybiel, A. M., Cima, M. J.
2020; 17 (4): 044001