

Stanford



Magdiel Pérez Cruz

Postdoctoral Scholar, Bone Marrow Transplantation

Bio

STANFORD ADVISORS

- Everett Meyer, Postdoctoral Faculty Sponsor
- Everett Meyer, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Immunoregulatory effects of RGMb in gut inflammation.** *Frontiers in immunology*
Pérez-Cruz, M., Iliopoulos, B. P., Hsu, K., Wu, H., Erkers, T., Swaminathan, K., Tang, S., Bader, C. S., Kambham, N., Xie, B., Dekruyff, R. H., Freeman, G. J., Meyer, et al
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- **The Toll-Like Receptor 5 agonist flagellin prevents Non-typeable *Haemophilus influenzae*-induced infection in cigarette smoke-exposed mice.** *PLoS one*
Pérez-Cruz, M., Koné, B., Porte, R., Carnoy, C., Tabareau, J., Gosset, P., Trottein, F., Sirard, J. C., Pichavant, M., Gosset, P.
2021; 16 (3): e0236216
- **Calibration of cell-intrinsic interleukin-2 response thresholds guides design of a regulatory T cell biased agonist.** *eLife*
Glassman, C. R., Su, L. n., Majri-Morrison, S. S., Winkelmann, H. n., Mo, F. n., Li, P. n., Pérez-Cruz, M. n., Ho, P. P., Koliesnik, I. n., Nagy, N. n., Hnizdilova, T. n., Picton, L. K., Kovar, et al
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- **Boosting the IL-22 response using flagellin prevents bacterial infection in cigarette smoke-exposed mice.** *Clinical and experimental immunology*
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2020; 201 (2): 171-186
- **Cell-Based Assays for Modeling Xenogeneic Immune Responses.** *Methods in molecular biology (Clifton, N.J.)*
Casos, K., Sommaggio, R., Perez-Cruz, M., Costa, C.
2020; 2110: 99–113
- **Rat Model of Intra-articular Chondrocyte Xenotransplantation.** *Methods in molecular biology (Clifton, N.J.)*
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- **Blockade of TIM-1 on the donor graft ameliorates graft-versus-host disease following hematopoietic cell transplantation.** *Blood advances*
Iliopoulos, B. P., Hsu, K. n., Pérez-Cruz, M. n., Tang, S. W., Pang, W. W., Erkers, T. n., Kambham, N. n., Freeman, G. J., Dekruyff, R. H., Meyer, E. H.
2019; 3 (21): 3419–31
- **Optimization and characterization of calcium phosphate transfection in mesenchymal stem cells.** *Tissue engineering. Part C, Methods*
Lo, C. W., Lin, T. H., Ueno, M. n., Romero-Lopez, M. n., Maruyama, M. n., Kohno, Y. n., Rhee, C. n., Yao, Z. n., Pérez-Cruz, M. n., Meyer, E. n., Goodman, S. B.
2019

- **Biodistribution and Immunogenicity of Allogeneic Mesenchymal Stem Cells in a Rat Model of Intraarticular Chondrocyte Xenotransplantation.** *Frontiers in immunology*
Marquina, M., Collado, J. A., Pérez-Cruz, M., Fernández-Pernas, P., Fafíán-Labora, J., Blanco, F. J., Máñez, R., Arufe, M. C., Costa, C.
2017; 8: 1465
- **Cytokine profile associated with selective removal of natural anti-alpha Gal antibodies in a sepsis model in Gal-KO mice** *BIOCHEMISTRY-MOSCOW*
Perez-Cruz, M., Bello-Gil, D., Costa, C., Manez, R.
2017; 82 (2): 205-212
- **Interleukin-22 protects against non-typeable Haemophilus influenzae infection: alteration during chronic obstructive pulmonary disease** *MUCOSAL IMMUNOLOGY*
Sharan, R., Perez-Cruz, M., Kervoaze, G., Gosset, P., Weynants, V., Godfroid, F., Hermand, P., Trottein, F., Pichavant, M., Gosset, P.
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- **T cells expressing chimeric antigen receptor promote immune tolerance.** *JCI insight*
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- **Pseudomonas aeruginosa proteolytically alters the interleukin 22-dependent lung mucosal defense.** *Virulence*
Guillon, A., Brea, D., Morello, E., Tang, A., Jouan, Y., Ramphal, R., Korkmaz, B., Perez-Cruz, M., Trottein, F., O'Callaghan, R. J., Gosset, P., Si-Tahar, M.
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- **IL-22 Defect During Streptococcus pneumoniae Infection Triggers Exacerbation of Chronic Obstructive Pulmonary Disease.** *EBioMedicine*
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Cabezas-Cruz, A., Mateos-Hernández, L., Pérez-Cruz, M., Valdés, J. J., Mera, I. G., Villar, M., de la Fuente, J.
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- **Divergence of the Response Induced by Xenogenic Immunization in the Sepsis Survival of Rats** *PLOS ONE*
Perez-Cruz, M., Costa, C., Manez, R.
2015; 10 (5)
- **Boosted Rat Neural Xenoantibodies Cross-React with Enterococcus faecalis by Targeting Melibiose and L-Rhamnose** *JOURNAL OF INNATE IMMUNITY*
Perez-Cruz, M., Costa, C., Manez, R.
2014; 6 (2): 140-151
- **Inhibition of complement component C5 protects porcine chondrocytes from xenogeneic rejection** *OSTEOARTHRITIS AND CARTILAGE*
Sommaggio, R., Perez-Cruz, M., Brokaw, J. L., Manez, R., Costa, C.
2013; 21 (12): 1958-1967
- **Cellular studies for in vitro modeling of xenogeneic immune responses.** *Methods in molecular biology (Clifton, N.J.)*
Sommaggio, R., Pérez-Cruz, M., Costa, C.
2012; 885: 91-103

PRESENTATIONS

- Basic Life Research Scientist - Stanford School of Medicine