



## Cassandra Villicana

Ph.D. Student in Bioengineering, admitted Summer 2019

### Bio

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#### EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2022)
- BS, San José State University , Biomedical Engineering (2019)

### Publications

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#### PUBLICATIONS

- **Aspirin synergizes with mineral particle-coated macroporous scaffolds for bone regeneration through immunomodulation.** *Theranostics*  
Su, N., Villicana, C., Zhang, C., Lee, J., Sinha, S., Yang, A., Yang, F.  
2023; 13 (13): 4512-4525
- **Stem Cell Membrane-coated Microribbon Scaffolds Induce Regenerative Innate and Adaptive Immune Responses in a Critical-Size Cranial Bone Defect Model.** *Advanced materials (Deerfield Beach, Fla.)*  
Su, N., Villicana, C., Barati, D., Freeman, P., Luo, Y., Yang, F.  
2022: e2208781
- **Immunomodulatory strategies for bone regeneration: A review from the perspective of disease types.** *Biomaterials*  
Su, N., Villicana, C., Yang, F.  
2022; 286: 121604