

# Stanford

---

## Chao Ma

Postdoctoral Scholar, Orthopedic Surgery

### Bio

---

#### STANFORD ADVISORS

- Henry Goodnough, Postdoctoral Faculty Sponsor
- Charles Chan, Postdoctoral Research Mentor

### Publications

---

#### PUBLICATIONS

- **Engineered mucus-tethering bispecific nanobodies enhance mucosal immunity against respiratory pathogens.** *Nature nanotechnology*  
Zhao, L., O'Donnell, K. L., Dubey, M., Wang, Y., Martinez, N. R., Zhang, Y., Steining, H. M., Ma, C., Mallajosyula, V., Lee, L. L., Lachmansingh, R. N., Stavitsky, S., Takematsu, et al  
2026
- **Cajanin transcriptionally disrupts the Siglec15/NFATc1 signaling cascade to attenuate osteoclast fusion and bone resorption.** *International immunopharmacology*  
Ma, C., Mo, L., Wang, Z., He, W., Niu, W., Goodman, S. B., Goodnough, L. H., Liu, Y.  
2025; 168 (Pt 2): 115726
- **Combination of Distinct Vascular Stem/Progenitor Cells for Neovascularization and Ischemic Rescue.** *Arteriosclerosis, thrombosis, and vascular biology*  
Zhao, L., Lee, A. S., Sasagawa, K., Sokol, J., Wang, Y., Ransom, R. C., Zhao, X., Ma, C., Steining, H. M., Koepke, L. S., Borrelli, M. R., Brewer, R. E., Lee, et al  
2023
- **Integrated Bioinformatic Analysis of the Shared Molecular Mechanisms Between Osteoporosis and Atherosclerosis.** *Frontiers in endocrinology*  
Mo, L., Ma, C., Wang, Z., Li, J., He, W., Niu, W., Chen, Z., Zhou, C., Liu, Y.  
2022; 13: 950030