

Stanford

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Bio

STANFORD ADVISORS

- Stuart Goodman, Postdoctoral Research Mentor
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Publications

PUBLICATIONS

- **The efficacy of lapine preconditioned or genetically modified IL4 over-expressing bone marrow-derived mesenchymal stromal cells in corticosteroid-associated osteonecrosis of the femoral head in rabbits.** *Biomaterials*
Maruyama, M., Moeinzadeh, S., Guzman, R. A., Zhang, N., Storaci, H. W., Utsunomiya, T., Lui, E., Huang, E. E., Rhee, C., Gao, Q., Yao, Z., Takagi, M., Yang, et al
2021; 275: 120972
- **The Effects of Macrophage Phenotype on Osteogenic Differentiation of MSCs in the Presence of Polyethylene Particles** *BIOMEDICINES*
Gao, Q., Rhee, C., Maruyama, M., Li, Z., Shen, H., Zhang, N., Utsunomiya, T., Huang, E., Yao, Z., Bunnell, B. A., Lin, H., Tuan, R. S., Goodman, et al
2021; 9 (5)
- **Current Models for Development of Disease-Modifying Osteoarthritis Drugs.** *Tissue engineering. Part C, Methods*
Makarczyk, M. J., Gao, Q., He, Y., Li, Z., Gold, M. S., Hochberg, M., Bunnell, B., Tuan, R. S., Goodman, S. B., Lin, H.
2021
- **PDGF-BB and IL-4 co-overexpression is a potential strategy to enhance mesenchymal stem cell-based bone regeneration.** *Stem cell research & therapy*
Zhang, N. n., Lo, C. W., Utsunomiya, T. n., Maruyama, M. n., Huang, E. n., Rhee, C. n., Gao, Q. n., Yao, Z. n., Goodman, S. B.
2021; 12 (1): 40