

Stanford



Liming Zhao

Postdoctoral Research Fellow, Plastic and Reconstructive Surgery

Bio

BIO

Dr. Zhao is currently a postdoctoral scholar at Stanford University. He received his MD degree from Tongji Medical College, Huazhong University of Science and Technology in 2018.

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, International Society for Stem Cell Research (2019 - present)
- Member, Orthopaedic Research Society (2018 - present)

PROFESSIONAL EDUCATION

- Doctor of Medicine, Huazhong University Of Science & Technology (2018)

STANFORD ADVISORS

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

Publications

PUBLICATIONS

- **Articular cartilage regeneration by activated skeletal stem cells.** *Nature medicine*
Murphy, M. P., Koepke, L. S., Lopez, M. T., Tong, X., Ambrosi, T. H., Gulati, G. S., Marcic, O., Wang, Y., Ransom, R. C., Hoover, M. Y., Steining, H., Zhao, L., Walkiewicz, et al
2020
- **Geriatric fragility fractures are associated with a human skeletal stem cell defect.** *Aging cell*
Ambrosi, T. H., Goodnough, L. H., Steining, H. M., Hoover, M. Y., Kim, E., Koepke, L. S., Marcic, O., Zhao, L., Seita, J., Bishop, J. A., Gardner, M. J., Chan, C. K.
2020: e13164
- **NR1D1 modulates synovial inflammation and bone destruction in rheumatoid arthritis** *CELL DEATH & DISEASE*
Liu, H., Zhu, Y., Gao, Y., Qi, D., Zhao, L., Zhao, L., Liu, C., Tao, T., Zhou, C., Sun, X., Guo, F., Xiao, J.
2020; 11 (2): 129
- **Tantalum nanoparticles reinforced polyetheretherketone shows enhanced bone formation** *MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS*
Zhu, H., Ji, X., Guan, H., Zhao, L., Zhao, L., Liu, C., Cai, C., Li, W., Tao, T., Reseland, J., Haugen, H., Xiao, J.
2019; 101: 232–42
- **Hesperetin suppresses RANKL-induced osteoclastogenesis and ameliorates lipopolysaccharide-induced bone loss** *JOURNAL OF CELLULAR PHYSIOLOGY*

Liu, H., Dong, Y., Gao, Y., Zhao, L., Cai, C., Qi, D., Zhu, M., Zhao, L., Liu, C., Guo, F., Xiao, J., Huang, H.

2019; 234 (7): 11009–22

● **Effects of Taxifolin on Osteoclastogenesis in vitro and in vivo** *FRONTIERS IN PHARMACOLOGY*

Cai, C., Liu, C., Zhao, L., Liu, H., Li, W., Guan, H., Zhao, L., Xiao, J.

2018; 9: 1286

● **REV-ERB agonism suppresses osteoclastogenesis and prevents ovariectomy-induced bone loss partially via FABP4 upregulation** *FASEB JOURNAL*

Song, C., Tan, P., Zhang, Z., Wu, W., Dong, Y., Zhao, L., Liu, H., Guan, H., Li, F.

2018; 32 (6): 3215–28

● **YAP1 is essential for osteoclastogenesis through a TEADs-dependent mechanism** *BONE*

Zhao, L., Guan, H., Song, C., Wang, Y., Liu, C., Cai, C., Zhu, H., Liu, H., Zhao, L., Xiao, J.

2018; 110: 177–86

● **Recent advances in 3D bioprinting for the regeneration of functional cartilage** *REGENERATIVE MEDICINE*

Ji Xiongfa, Zhu Hao, Zhao Liming, Xiao Jun

2018; 13 (1): 73–87

● **Dihydromyricetin Protects against Bone Loss in Ovariectomized Mice by Suppressing Osteoclast Activity** *FRONTIERS IN PHARMACOLOGY*

Zhao, L., Cai, C., Wang, J., Zhao, L., Li, W., Liu, C., Guan, H., Zhu, Y., Xiao, J.

2017; 8: 928