

Malachia Hoover

Ph.D. Student in Stem Cell Biology and Regenerative Medicine, admitted Autumn 2017

Publications

PUBLICATIONS

- **Distinct skeletal stem cell types orchestrate long bone skeletogenesis.** *eLife*
Ambrosi, T. H., Sinha, R., Steininger, H. M., Hoover, M. Y., Murphy, M. P., Koepke, L. S., Wang, Y., Lu, W., Morri, M., Neff, N. F., Weissman, I. L., Longaker, M. T., Chan, et al
2021; 10
- **Aged skeletal stem cells generate an inflammatory degenerative niche.** *Nature*
Ambrosi, T. H., Marecic, O., McArdle, A., Sinha, R., Gulati, G. S., Tong, X., Wang, Y., Steininger, H. M., Hoover, M. Y., Koepke, L. S., Murphy, M. P., Sokol, J., Seo, et al
2021
- **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., Marecic, O., Wang, Y., Ransom, R. C., Hoover, M. Y., Steininger, 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., Steininger, H. M., Hoover, M. Y., Kim, E., Koepke, L. S., Marecic, O., Zhao, L., Seita, J., Bishop, J. A., Gardner, M. J., Chan, C. K.
2020: e13164
- **Antibody Conditioning Enables MHC-Mismatched Hematopoietic Stem Cell Transplants and Organ Graft Tolerance.** *Cell stem cell*
George, B. M., Kao, K. S., Kwon, H., Velasco, B. J., Poyser, J., Chen, A., Le, A. C., Chhabra, A., Burnett, C. E., Cajuste, D., Hoover, M., Loh, K. M., Shizuru, et al
2019
- **Identification of myosin II as a cripto binding protein and regulator of cripto function in stem cells and tissue regeneration.** *Biochemical and biophysical research communications*
Hoover, M. n., Runa, F. n., Booker, E. n., Diedrich, J. K., Duell, E. n., Williams, B. n., Arellano-Garcia, C. n., Uhlendorf, T. n., La Kim, S. n., Fischer, W. n., Moresco, J. n., Gray, P. C., Kelber, et al
2018