

## 吕维加

### 代表性论文

- (1) Liu, Y. *et al.* An optogenetic approach for regulating human parathyroid hormone secretion. *Nature communications* 13, 1-17 (2022).
- (2) Wang, J. *et al.* Bioinspired multichannel nerve guidance conduit based on shape memory nanofibers for potential application in peripheral nerve repair. *ACS nano* 14, 12579-12595 (2020).
- (3) Cui, X. *et al.* Strontium modulates osteogenic activity of bone cement composed of bioactive borosilicate glass particles by activating Wnt/ $\beta$ -catenin signaling pathway. *Bioactive materials* 5, 334-347 (2020).
- (4) Zhai, X. *et al.* 3D-bioprinted osteoblast-laden nanocomposite hydrogel constructs with induced microenvironments promote cell viability, differentiation, and osteogenesis both in vitro and in vivo. *Advanced Science* 5, 1700550 (2018).
- (5) Yan Chen; et al. Abnormal subchondral bone remodeling and its association with articular cartilage degradation in knees of type 2 diabetes patients. *BONE RESEARCH* (2017).
- (6) Zhen, G. *et al.* Inhibition of TGF- $\beta$  signaling in mesenchymal stem cells of subchondral bone attenuates osteoarthritis. *Nature medicine* 19, 704-712 (2013).
- (7) Cao, X. *et al.* Irradiation induces bone injury by damaging bone marrow microenvironment for stem cells. *Proceedings of the National Academy of Sciences* 108, 1609-1614 (2011).
- (8) Wu, X. *et al.* Inhibition of Sca-1-positive skeletal stem cell recruitment by alendronate blunts the anabolic effects of parathyroid hormone on bone remodeling. *Cell stem cell* 7, 571-580 (2010).
- (9) Haobo Pan; Et al Apatite-formation ability - Predictor of "bioactivity"?. *ACTA Biomaterialia* (2010)