



Development of Bone Targeted Drug Delivery Technologies

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Message from the Guest Editor

The skeleton provides support and structure to the body. As people age, they start to lose their cartilage and bone mass. The current therapeutic strategy for degenerative spine, bone or joint diseases is focused on reducing pain and minimizing structural and symptomatic progression in order to delay surgery therapy as long as possible. There is no cure for these bone diseases, and hence, tissue engineering, cell therapy, and local drug delivery may provide more effective therapeutics. Until now, bone-targeted drug delivery technologies have tended to focus on local delivery systems. At present, we are particularly taking an interest in manuscripts that report bone-targeted drug delivery systems and which can efficiently bring drugs (or cells) to bone or cartilage tissues. Main topics include but are not limited to:

- Cell therapy in spine, bone, and cartilage;
- The application of tissue engineering in spine, bone, and cartilage;
- Drug delivery in spine, bone, and cartilage.





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