



Recent Advances in Skeletal Development and Diseases

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Message from the Guest Editor

The skeletal system is the framework for the body, providing protection for fragile internal organs, supporting locomotion, serving as a niche for hematopoiesis, and contributing to mineral metabolism. During embryogenesis, the skeletal system emerges from mesenchymal cells or neural crest cells and forms through a complex developmental process, which is finely orchestrated by interconnecting extracellular signaling networks that ultimately influence nuclear events. Many of the same mechanisms that are pivotal during skeletal development are also necessary for postnatal skeletal homeostasis, and their dysregulation is a main cause of skeletal disease. In this Special Issue, we invite manuscripts on recent advances in the mechanistic studies of skeletal development and diseases.





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