

Special Issue

Bone Ontogeny, Embryology, and Homeostasis

Message from the Guest Editor

The *International Journal of Molecular Sciences* (ISSN 1422-0067; CODEN: IJCMFK; ISSN 1661-6596) is planning to publish a Special Issue on the topics of bone ontogeny, embryology, and homeostasis. Bone diseases are prevalent worldwide, with osteoporosis accounting for an estimated nine million vertebral fractures worldwide in 2000 and osteoarthritis accounting for an estimated 17,135 years of life lived with disability in 2010. The negative impact of microgravity on the skeletal system is of increasing concern to space agencies of the United States, Russia, and China, whose plans include colonization of Earth's moon within the next decade. And there is increasing interest in using stem cell implants and injections and newly developed pharmaceuticals to treat bone diseases. The goal of this Special Issue is to provide an in-depth understanding of the ontogeny, embryology, and homeostasis of bone, with an emphasis being placed on recent research that has contributed to our understanding of the skeletal system at a molecular level. I invite those with interests in bone ontogeny, embryology, or bone homeostasis to contribute an article to this Special Issue.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

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