

Special Issue

Molecular and Translational Research on Bone Tumors

Message from the Guest Editors

Bone tumours can affect every part of the skeleton and can develop in any part of the bone, from the centre to the surface. Their growth can destroy healthy tissue and reduce bone strength, causing pathologic fractures. Primary bone tumours and metastases are characterized by the perturbation of physiological bone remodelling activity by osteoblasts and osteoclasts. The crosstalk between cancer and bone cells allows the growth and the spread of the tumour. Due to the unknown aetiology, complexity and heterogeneity of most bone tumours, a better understanding of the mechanisms underlying the oncogenesis is still necessary. This Special Issue will focus both on benign and malignant bone tumours, in particular on: The analysis of the molecular and cellular mechanisms leading to the onset of these tumours; The identification of new therapeutic approaches; The detection of biomarkers for early diagnosis. Both original research and review articles are welcome.

Guest Editors

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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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