



Molecular and Translational Research on Bone Tumors

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Deadline for manuscript
submissions:

closed (30 June 2022)

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.





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Message from the Editor-in-Chief

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