

Special Issue

Cellular and Molecular Mechanisms of Bone Metastasis 2.0

Message from the Guest Editor

Skeleton metastases are the principal cause of death of patients with breast and prostate cancer, and multiple myeloma. Molecular medicine takes into consideration the molecular pathogenesis of bone metastasis to clarify the biology of the metastatic process, and to individuate targets for personalized therapy. Due to the multiple facets of the bone metastatic process, a multidisciplinary approach is strongly desirable to devise effective therapies. The bone metastatic process may be investigated from different points of view, including pathology, nanotechnology, and structural/biological engineering, as well as molecular biology. The principal topics of bone metastases, investigated with these methodologies, are the dysregulation of cellular events like autophagy, invasiveness, mesenchymal-epithelial transition and its reversion, and transcription factor networks. This Special Issue, "Cellular and Molecular Mechanisms of Bone Metastasis", will cover a selection of recent research topics and current review articles in the field of invasiveness and bone metastasis.

Guest Editor

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