

Special Issue

Recent Research in Primary Osteoporosis: From a Bone Marrow Adiposity Perspective

Message from the Guest Editor

Primary osteoporosis (OP) type I (postmenopausal OP) and type II (age-associated OP) are characterized by bone mass loss and altered bone microarchitecture, ultimately resulting in an increased risk of fractures. In both OP types, bone mass is inversely correlated with medullary adiposity. Mounting evidence indicates that marrow adipocytes and their products of secretion may play a key role in skeletal pathophysiology, making them a potential target for new therapy development. This Special Issue will focus on the latest advances regarding our understanding on the role of marrow adiposity in the development of primary OP disease. Researchers are invited to submit original research and review articles covering significant developments in the field, ranging from basic to clinical studies. Interdisciplinary approaches are more than welcome, including molecular, cellular, bone tissue and individual aspects, as well as novel strategies targeting marrow adiposity that show promise in the prevention of primary OP.

Guest Editor

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