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Cellular and Molecular Mechanisms of Bone Diseases

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Message from the Guest Editors

Dear Colleagues,

Bone diseases (e.g., Osteoporosis, Osteogenesis imperfecta, and Paget's diseases) are conditions in which bones are weaker and more prone to fractures. These disorders affect millions of people worldwide and current treatments have limited efficacy often accompanied by side effects. A better understanding of the cellular and molecular mechanisms associated with bone diseases is critical to prevent advances in disease progression and the identification of novel therapeutical strategies. This special issue will integrate the expertise of clinicians, basic scientists, and patient organizations and aims to contribute to the understanding of pathophysiological mechanisms associated with bone diseases and diseases associated with abnormal calcium accumulation (e.g., inflammation and ectopic calcification).

Prof. Dr. M. Leonor Cancela

Dr. João Miguel Almeida Santos

Guest Editors



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Special Issue



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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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