Special Issue

Advances in Bone Metabolism

Message from the Guest Editor

Bone metabolism (bone remodeling) is a continual cycle of bone growth and resorption retained by bone cells, including osteoblasts, osteoclasts, osteocytes, mesenchymal stem cells, osteoclast progenitors, hormones, growth factors, and cytokines, as well as the nervous system. Research advances in secondary osteoporosis and the emerging interdisciplinary areas (Osteoimmunology, Osteomicrobiology, and Neuroskeletal biology) may provide a new understanding of bone metabolism and ultimately lead to identifying and developing new targets for drug discovery in the treatment of osteoporosis. This Special Issue of Cells invites investigators to contribute original research articles and reviews in all aspects of Bone Metabolism. Topics of interest include but are not limited to: (1) basic studies in bone metabolism related to cell biology and molecular biology; (2) preclinical studies in metabolic diseases and bone homeostasis; (3) the pathophysiology of metabolic bone disease (osteoporosis, alcoholic bone disease, renal osteodystrophy, hepatic osteodystrophy, etc.); (4) the emerging areas in the bone research fields (osteoimmunology, osteomicrobiology, neuroskeletal biology, etc.).

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2022)

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About the Journal

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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Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).