

Special Issue

Genetic Disorders of Bone

Message from the Guest Editors

In the past decade, massive sequencing has revolutionized genetic variant discovery and has allowed for the definition of many new Mendelian diseases, which were not amenable to linkage analysis. Genetic diseases affecting bone have not been an exception. Notably, osteogenesis imperfecta has witnessed the identification of a growing list of causal genes, beyond COL1A1 and COL1A2 and a large number of skeletal dysplasias have been genetically defined. Nonetheless, there are still some bone conditions awaiting the identification of their precise genetic cause. Likewise, during the past decade, an explosion of GWA studies on the polygenic basis of osteoporosis has uncovered hundreds of loci involved in the determination of bone mineral density (BMD) and osteoporotic fracture.

This Special Issue invites papers on genetic disorders of the bone and extracellular matrix in a broad sense, to highlight bone as an essential tissue and to provide new and detailed description of its workings in health and disease.

Guest Editors

Dr. Susanna Balcells Comas

Dr. Daniel Grinberg

Dr. Natalia Garcia-Giralt

Deadline for manuscript submissions

closed (10 December 2021)

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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