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Metal-Organic Frameworks Applied in Bone Disorders

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Message from the Guest Editors

Research in metal–organic frameworks (MOFs) has changed in the last two decades, from simple crystallographic architectures to very complex new materials, ultimately redesigning the way that chemists (and scientists in general) look into traditional coordination chemistry. This rapid change has been very much motivated by the symbiotic combination of organic and inorganic components, which has allowed for the embodiment of materials with new, interesting properties.

MOFs designed for medicinal and biomedical engineering applications are reported in growing numbers. From drug delivery to cancer therapy and theranostics, these biomaterials are slowly making their way to use in human health.

This Special Issue will create a forum for the presentation of the most relevant progress that has been made in the aforementioned particular class of MOFs and is dedicated to the treatment, management or diagnosis of bone disorders. The Special Issue will significantly benefit from the simultaneous contribution of original research articles and pertinent, critical review articles in this scientific field.

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Message from the Editor-in-Chief

The field of osteology is rapidly evolving. Recent discoveries have transformed our understanding of bone metabolism, healing mechanisms, and the management of skeletal disorders. A deeper insight into the biological and clinical processes underlying bone repair and regeneration offers new opportunities to enhance patient care and therapeutic strategies.

Osteology was established with this vision in mind. *Osteology* is an international, peer-reviewed, open access journal dedicated to basic and clinical research in bone science, published quarterly online by MDPI. Supported by a dynamic scientific community, the journal is committed to excellence through a rigorous and transparent peer-review process.

We invite researchers worldwide to submit high-quality clinical and experimental studies to advance innovation and knowledge in osteology.

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