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Recent Progress in Bioceramics and Their Composites

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Message from the Guest Editor

The field of bioceramics and their composites has advanced significantly to restore, substitute, or regenerate not only skeletal hard but also soft tissues. These innovative materials have been studied to be applied for orthopaedic implants, bone substitutes, bone cements, dental prostheses, drug delivery carriers, and even for cancer treatments. In addition, the development and use of nanostructured materials, biomimetic materials, and inorganic–organic structures resulted in considerable scientific interest in the bioceramics field. Thus, this Special Issue focuses on topics covering the processing of novel bioceramics, and the synthesis of bio-hybrids and bioactive or bioresorbable composites in addition to the study of their biodegradability and biocompatibility. Contributions on innovative approaches such as the additive manufacturing of bioceramics and biocomposites, layer deposition techniques, tissue engineering, and drug delivery systems are also welcome.



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Special Issue



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Message from the Editor-in-Chief

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