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Orthopedic Materials and Bone Medicine

Guest Editor:

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Message from the Guest Editor

Musculoskeletal diseases affect over 100 million Americans and represent the highest burden to the healthcare system in the USA. As the population ages, the prevalence of these incapacitating disorders will increase. Therefore, there is a great need to develop new orthopedic materials and approaches for the replacement of bones, teeth, and joints and for the repair and regeneration of bone and craniofacial defects. Over the last half century, we have witnessed the emergence and evolution of materials intended for biomedical purposes, from bioinert materials, to bioactive and biodegradable materials, to materials designed to interact with the host tissue and elicit specific responses at the molecular and cellular level. In this Special Issue, we will discuss the evolution of different materials and approaches commonly used in orthopedic/craniofacial applications.

It is my distinct pleasure to invite you to submit a manuscript for this exciting Special Issue. Full papers, communications, and reviews are all welcome.



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Editor-in-Chief

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Message from the Editor-in-Chief

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