



Biomedical Ceramics and Glasses

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

Biocompatible ceramics can be used for structural and/or regenerative purposes with a significant clinical impact. Strong bioceramics have been recognized as suitable materials to fabricate load-bearing prosthetic joint surfaces due to their excellent wear and mechanical properties. Hydroxyapatite, resorbable calcium phosphates and bioactive glasses/glass-ceramics are used to regenerate bone in orthopaedic and dental applications, and some special glass formulations have also been found to be able to interact with soft tissues, thereby opening up new horizons in the field of tissue engineering and drug delivery. Nano-sized ceramics show great promise for the targeted therapy of cancer and other diseases.

This Special Issue covers all the key areas related to the concept, design, fabrication, characterization, modelling, clinical use and commercialization of bioceramics and related composites or combinations. Full research articles, short communications and comprehensive reviews dealing with topics are welcome.

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Guest Editors





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Message from the Editor-in-Chief

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