



Bioceramics and Their Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 November 2018)

Message from the Guest Editor

Dear Colleagues,

Bioceramics are engineered materials that find their applications in the field of medicine. Traditionally, brittleness, low mechanical fracture toughness and low resistance to impact have limited the applications of the ceramic materials. Nevertheless, a strong interest in the use of ceramics for biomedical engineering applications has been developed from the end of the 20th century. New ceramics, with very improved properties, contributed to increasing the possibilities of using ceramics in biomedicine and their use has extended considerably since then. There is a trend today to more broadly use them as scaffolds for tissue engineering or drug release, as dental implants, or to also use them as particles and microspheres for advanced therapy, which creates unexpected scenarios for patient treatment and rehabilitation. This field is rapidly advancing into new areas of discovery.

It is, therefore, my immense pleasure to invite you to submit a manuscript for this Special Issue. All aspects of design, processing, characterization, and applications of bioceramics, but not limited to them, will be welcome.

Prof. Piedad N. De Aza

Gues





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Message from the Editor-in-Chief

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