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Bioceramics: Bioinert, Bioactive, and Coatings

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Message from the Guest Editor

Dear Colleagues,

Bioceramics can be classed as three main types: Bioinert, bioactive, and coatings. Two bioinert bioceramics (Alumina and ZTA—zirconia toughened alumina), three bioactive bioceramics (bioglass, hydroxyapatite, and tri-calcium phosphate), and two bioceramic coatings (DLC—diamond-like-carbon and Oxinium®—oxidized zirconium), have all been ground-breaking bioceramics in the medical device and tissue-engineering realm. Each has had a revolutionary impact in the medical field in recent decades. Other niche bioceramics are also significant, such as zirconia and pyrolytic carbon.

Prof. Andrew Ruys

Guest Editor



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Special Issue



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Editor-in-Chief

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