

Special Issue

Fabrication and Characterization Analysis of Biodegradable Magnesium and Zinc-Based Alloys Developed as New Biomedical Materials

Message from the Guest Editor

In recent years, much progress has been made on the development of biodegradable magnesium and zinc alloys as implants in cardiovascular and orthopedic applications. This Special Issue focuses on the following topics: (i) the design, fabrication and characterization analysis of biodegradable magnesium and zinc alloys materials (ii) in vitro and in vivo performances of developed magnesium and zinc alloys materials.

Guest Editor

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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