

## Special Issue

# Biodegradable Metals: Basic/Applied Research for Clinical Translation

### Message from the Guest Editor

Biodegradable metals represent a good example of metallic materials that are expanding their spectrum of utility. The concept of biodegradable for medical devices/implants is paradigm-shifting, with the prospect of addressing the dilemma of late adverse effects with their current fabricating materials (permanent), and is supposed to spare the secondary surgery of implants removal. Although recent years have seen drastic progress in the research and development of biodegradable metals, their practical clinical use remains challenging. The clinical translation must be considered at any stage, from materials selection, alloying, processing and surface modification to materials characterization and bio-evaluations. We cordially invite you to share your cutting-edge research or views on biodegradable metals for a Special Issue in this relevant journal *Metals*. The scope covers all the commonly investigated biodegradable metals, including magnesium (Mg), iron (Fe) or zinc (Zn) -based alloys, among other metals envisioned.

### Guest Editor

Prof. Dr. Guojiang Wan

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### Deadline for manuscript submissions

closed (31 December 2021)



## Metals

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## About the Journal

### 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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### Editors-in-Chief

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JCR - Q2 (Metallurgy and Metallurgical Engineering) /  
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).