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Synthesis, Degradation and Biocompatibility of Bioresorbable Materials

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Deadline for manuscript
submissions:
closed (20 February 2025)

Message from the Guest Editors

Biomaterials play a significant role in medicine, improving the quality of life of patients. The search to develop appropriate implants or adequate methods that allow the healing of human tissues enhances the need for understanding the behavior of biomaterials in the human body. The use of bioresorbable materials in different medical applications is increasing, as there is a need to develop medical devices that are metabolized by the human body once they have fulfilled their task. In this sense, the main objective of this Special Issue is to highlight knowledge on the synthesis, degradation, and biocompatibility of bioresorbable materials. We welcome novel scientific research on themes including, but not limited to, the following:

- (i) Bioresorbable metals and alloys;
- (ii) Biopolymers and gels;
- (iii) Bioactive ceramics and glasses;
- (iv) Biocomposites;
- (v) Surface treatments.





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Message from the Editorial Board

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Journal Rank: JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)

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