



Bioabsorbable and Permanent Materials for Highly Loaded Implants

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Innovations and further improvements are required, especially for highly loaded implants. In line with these demands, the main focus of this Special Issue is to collect scientific contributions dealing with the development of biomaterials with improved and unique mechanical properties for applications in highly loaded implants, longer implant lifespans and implant miniaturization while maintaining strength.

There is also a great need for research to improve the mechanical properties of permanent implant materials. In general, strength improvements combined with high ductility enable materials to withstand higher loads or implants to be miniaturized under a given load.

Finally, as the biointerface plays a critical role in implant-tissue interactions, contributions to implant coating strategies and their effects on the implant biofunctionality and corrosion behaviour are equally highly welcome.

It is my pleasure to invite you to contribute your research articles, communications or reviews to this Special Issue.

Dr. Bernhard Mingler
Guest Editor





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Editor-in-Chief

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Message from the Editor-in-Chief

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