



Biomaterials in Medical Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 July 2022)

Message from the Guest Editor

Natural biomaterials are materials extracted from a living organism that have the advantages of non-toxicity, biocompatibility, and biodegradability. They have been successfully used as hydrogels, scaffolds, matrices, and implants in tissue engineering, wound management, drug delivery, and nanotechnology.

In addition, although biodegradability is an advantage of biomaterials, it is also a disadvantage because they may easily suffer from wear and tear due to intensive interaction with the body. Hence, more studies investigating the effect of biomaterial treatment and understanding the related biological mechanisms can contribute to the efficient use of biomaterial in medical applications.

Therefore, this Special Issue on Biomaterials in Medical Applications invites submissions of reviews and original papers that cover any interesting biomaterial topics on the effect of biomaterial therapy, biological mechanism of biomaterials, biomedical applications, tissue engineering, and other related subjects.





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Message from the Editor-in-Chief

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