

Special Issue

Biomaterials in Medical Applications

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.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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