

## Special Issue

# Biomedical Applications of Polymeric Materials, 3rd Edition

### Message from the Guest Editors

Polymers, and especially biopolymers, have attracted the interest of scientists since ancient times and are widely used in the medical and pharmaceutical fields due to their unique properties, which include versatility, bacteriostatic and hemostatic action, low cost of production, non-toxicity, great functionality, biocompatibility, and high absorbent capacity. The medical applications of biopolymeric materials vary from general healthcare to specific and very targeted domains such as surgery, wound healing, cancer management, tissue engineering, implants, and drug delivery system formulation. The development of functionalized polymeric materials or nanobiomaterials is a field of great relevance because it includes a multitude of biomaterials that can be applied in medical applications such as films, sponges, wound dressings, hydrogels, aerogels, electro-spun nanofibers, nanoparticles, etc. In this Special Issue, we aim to create a platform for researchers to disseminate their results in relation to polymeric materials used in biomedical applications.

### Guest Editors

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### Deadline for manuscript submissions

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## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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