# Special Issue

# Polymers in Biomedical Engineering

### Message from the Guest Editors

Dear Colleges, Polymers are considered key materials for medical applications due to their advantageous multifunctional chemical structures; mechanical properties; biocompatibility; and ease of chemical modification, which offers the possibility of micro and nanostructure tunability. Applications such as drug delivery, cancer therapy, scaffolds for tissue regeneration, and polymers in implants have demonstrated the enormous potential of these materials in the biomedical engineering field. Therefore, this Special Issue is launched in order to cover new aspects of both synthetic and biopolymers within the biomedical engineering field. We bring together a number of original papers and reviews covering but not restricted to the following topics:

- Polymers for drug delivery (nanoparticles and excipients);
- Polymer scaffolds for tissue engineering;
- Polymers for cancer therapy;
- Polymers in orthopaedic implants (for, e.g., UHMWPEs);
- 3D printed polymeric constructs for medical applications.

Rubio

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2020)

**Polymers**

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**Impact Factor 4.9**
**CiteScore 9.7**
**Indexed in PubMed**

mdpi.com/si/27096

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# About the Journal

## 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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