

Special Issue

Applications of Biocompatible and Biodegradable Polymers and Their Composites

Message from the Guest Editors

Biocompatible polymers are widely explored for the development of devices for biomedical applications such as disposable point-of-care devices, scaffolds for tissue engineering, biosensors, and controlled drug release. The term “biocompatibility” refers to the suitability of a polymer to body and body fluid exposure and can be both synthetic and natural. As a result of environmental concerns, biodegradable polymers have been widely explored as alternative materials for commercial and engineering applications due to their potential sustainability from an economic and ecological point of view. Interest for biodegradable polymers is mostly growing in relation to packaging, as well as in the agriculture sector, and their applications also include automotive, sports, building, cultural heritage conservation, etc. Therefore, potential topics include but are not limited to the following:

- Scaffold for biomedical applications;
- Drug loading and release from biopolymeric matrices;
- Biopolymeric/biodegradable point-of-care devices;
- Green composites;
- Biodegradable packaging.

Guest Editors

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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 4.9.

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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