

## Special Issue

# Biodegradable Materials for Tissue Engineering

### Message from the Guest Editors

Biodegradable polymers can degrade either by hydrolysis (without the enzyme catalysis) or by enzymatic mechanisms. Hydrolysis is the main degradation mechanism of the biodegradable polymers, but depending on the polymer structure, they can also undergo at least partial enzymatic degradation.

Research works focused on developing bioactive materials that combine the engineering properties of synthetic polymers with the biological properties of natural materials. Advanced biodegradable polymers that can trigger predictable and beneficial cellular/tissue responses, both in the cell culture platform and in the host environment.

This Special Issue covers the fundamental aspects of biodegradable polymers such as synthesis, characterization, and mechanistic discussion, as well as application aspects such as synergistic effects, surface modification, and functional examination.

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### 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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