# Special Issue

# Biocompatible and Biodegradable Polymer Materials

**Message from the Guest Editors**

Diverse polymer materials are intended to protect human health, preserve food products, and improve water treatment. Materials from modified natural polymers are preferred due to their biocompatibility, biodegradability, or eco-friendly nature. Additionally, "smart materials" are produced from sensitive polymers that respond to physical or chemical environmental changes. To date, different systems have been assessed for the delivery of active compounds (e.g., gels, micelles, liposomes, polyelectrolyte complexes, and emulsions), for preparing edible packaging (e.g., films and coatings), and to remove emerging contaminants from water (e.g., flocculants and adsorbents). In this regard, developing innovative systems and performing more studies on host–guest interactions is essential.

This Special Issue aims to divulge advances in biocompatible and biodegradable polymers for medical applications, food packaging films/coatings, and eco-friendly flocculants and adsorbents of contaminants present in water. We welcome original papers and review articles addressing systems with outstanding properties for the abovementioned applications.

**Guest Editors**

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**Deadline for manuscript submissions**

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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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