

## Special Issue

# Polymers in Food Technology and Food Packaging

### Message from the Guest Editors

Polymers produced by microorganisms are finding more and more applications in the production of food and food packaging. Recently, one of the most popular biopolymers, and one of the most recognized, is bacterial cellulose. This biopolymer is characterized by high purity, extensibility, and resistance to mechanical damage, and it is non-toxic and safe to use. Bacterial cellulose has so far been used, among others, in medicine (as artificial skin, material for artificial organs, wound dressing) and in the food industry (as a stabilizer, fat replacement compound). Many biopolymers, after soaking (e.g., with active substances such as essential oils and/or plant extracts) can exhibit antimicrobial activity that can be used in the production of biodegradable eco-friendly active food packages. In this Special Issue, we encourage authors to share their experiences in the field of the broadly understood “Polymers in Food Technology and Food Packaging”. We believe that your work will contribute to popularizing the use of the potential of polymers in the food industry.

### Guest Editors

Dr. Lidia Stasiak-Róžańska

Prof. Dr. Antoni Stanisław Pluta

Dr. Anna Berthold-Pluta

Dr. Monika Garbowska

### Deadline for manuscript submissions

closed (15 May 2024)



## Polymers

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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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