

## Special Issue

# Natural Polymers and Composites for Food Applications

### Message from the Guest Editor

Natural polymers and their composites increasingly constitute the basis of modern materials used in food production or storage. The use of composite and nanocomposite materials to create new multilayer barrier packaging is a topical issue. Natural polymers are used in food as carriers for bioactive compounds (e.g., gels) or as processing aids/auxiliary materials. Given that the number of potential applications is constantly increasing, research on these materials has great potential, and their industrial application can contribute to reducing the use of typical synthetic polymers in food production and packaging. Papers that address the applications of natural polymers and composites in the production of modern food packaging or their use as auxiliary materials in food production are particularly welcome. Research on other aspects of the use of natural polymers and composites in food processing is also encouraged.

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### Guest Editor

Dr. Paweł Ptaszek

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Agriculture University in Krakow, Krakow, Poland

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### Deadline for manuscript submissions

closed (30 November 2025)



## Polymers

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Impact Factor 4.9  
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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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