

## Special Issue

# Biopolymers Pathway from Biomass to Plastic-Free Living

### Message from the Guest Editors

Waste/residual biomass represents a vast and potentially underexplored source of biopolymer material. These materials have recently (re)gained popularity, due to their special properties, which in many industries can become an alternative for fossil fuel-based plastic. However, high production costs, low performance, and not less important, ethical implications, still hinder the market penetration of plastics-free alternatives.

This Special Issue aims to publish original works and reviews about the recent advances in biopolymer science and applications devoted to facing the big challenges with plastic technologies and use. Research works dealing with the enhancing the mechanical and barrier performance of biopolymers packaging, biodegradability, recycling, biopolymer processing, or active packaging may find in the present issue a good platform to gain visibility. Moreover, a novel eco-friendly isolation processes of the biopolymers or/and plant extract, which can be employed with the biopolymer packaging, are part of this Special Issue.

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### Guest Editors

Dr. Uroš Novak

Dr. Sanja I. Šešlija

Dr. Filipa A. Vicente

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### Deadline for manuscript submissions

closed (20 December 2022)



## 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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