

## Special Issue

# Advances in Biopolymer Research: Sustainability and Applications

### Message from the Guest Editors

*Polymers* is pleased to announce this Special Issue dedicated to innovative developments in biopolymer-based materials for advanced and sustainable applications. The growing demand for sustainable materials has driven significant developments in biopolymer research, and these materials have proven to be a promising alternative to conventional solutions, with comparable or even better performance relative to fossil-fuel-based synthetic polymers. This Special Issue aims to explore cutting-edge research on sustainable innovative biopolymer solutions, addressing both fundamental scientific research and case-study applications. We conceive this Special Issue as a dynamic and flourishing platform for peers to bring together disruptive concepts and ideas, combining the latest innovations and emerging trends on sustainable solutions to face global challenges. We hope this Special Issue will serve as a catalyst for future academia–industry collaboration, stimulating the transfer of knowledge and the practical application of innovative and environmentally friendly solutions in society.

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### Guest Editors

Dr. Pedro V. Rodrigues

Dr. M. Cidalia R. Castro

Dr. Ana Vera A. MacHado

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### Deadline for manuscript submissions

31 May 2026



## Polymers

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## About the Journal

### 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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