

## Special Issue

# Natural Polymers: Design, Characterization and Applications

### Message from the Guest Editors

Synthetic polymers are commonly used to make functional materials such as engineering materials, medicinal materials and packaging materials. However, the use of synthetic polymers has a significant impact on the environment due to their non-degradability. Thus, the design and development of functional materials based on natural polymers are driven to solve such an issue. A Special Issue on the topic "Natural Polymers: Design, Characterization, and Applications" is available to academics and scientists from all over the world. This Special Issue has a broad scope, including the design and modification of natural polymers, polymer composites/nanocomposites, polymer blends, and polymer synthesis and polymer coating in the development of a variety of applications such as in biomedical, pharmaceuticals, food and non-food packaging, tissue engineering, etc. Characterizations and processing of natural polymers via crucial and creative methods for cutting-edge applications are considered. All types of natural polymers such as chitosan, cellulose, starch, latex, protein, collagen, pectin and their derivatives are also considered.

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### Guest Editors

Prof. Dr. Paul Topham

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Dr. Kittisak Jantanasakulwong

Dr. Sarinthip Thanakkasaranee

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### Deadline for manuscript submissions

closed (15 June 2025)



## 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 4.9.

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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