

## Special Issue

# Advances in Chitosan Composites

### Message from the Guest Editors

Chitosan is traditionally prepared from chitin-containing fishery processing through various procedures, including chemical, enzymatic, and microbial treatments. In a second step, chitin is deacetylated to form chitosan. Chitosan-based materials have been developed due to their particular chemical properties, which provide it with a wide range of applications in biomedicine, cosmetics (skin, bone, tissue engineering, artificial kidneys, nerves, livers, wound healing), the chemical industry (as a catalyst or can be used as a starting molecule to obtain high added value products), the food industry, and the environmental field. In the past few decades, a very large number of basic and application works have been carried out to depict the structure and the potentiality of these bio-polymers. In fact, the number of new studies devoted to these topics is still high nowadays, indicating a constant vivid interest regarding chitin and chitosan science. The aim of this Special Issue is dedicated to recent novel and innovative contributions in the field of advances in chitosan composites, as well as their various physical and chemical applications in green industry fields.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 January 2023)



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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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