



## Chitin and Chitosan: Properties and Applications

Guest Editor:

### Prof. Dr. San-Lang Wang

1. Department of Chemistry,  
Tamkang University, New Taipei  
City 25137, Taiwan

2. Life Science Development  
Center, Tamkang University, New  
Taipei City 25137, Taiwan

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### Message from the Guest Editor

This Special Issue is dedicated to chitin and chitosan: properties and applications. The development of new polymer materials has recently become an extremely fascinating research topic, especially in relation to chitin and chitosan. Chitin, chitosan, and their derivatives hold great economic merit due to their versatile activities and biotechnological applications. Chitin and chitosan are traditionally prepared from chitin-containing fishery processing (shrimp shells, crab shells, and squid pens) through various procedures including chemical, enzymatic, and microbial treatments. For improving their properties, chemical modifications have also been intensively studied. Compared to synthetic polymers, chitin and their derivatives have advantages of being biocompatible, biodegradable and sustainable.

The aim of this Special Issue is to discuss their manufacturing, modification, characterization, as well as their various physical and chemical applications in biomedical and green industry fields. Both research and review articles are welcome.





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## Editor-in-Chief

### Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

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*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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mdpi.com/journal/polymers  
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