

## Special Issue

# Biopolymer Modifications and Characterization

### Message from the Guest Editor

According to the data in the literature, the consumption of plastic-like polymers is exceeding an annual quantity of about 300 tons. Plastic-like polymers are employed in all fields and as special materials in biomedicine, membrane separation and the packaging industry, thanks to their low market cost and appropriate chemical–physical, mechanical and gas selectivity characteristics. In spite of these advantages, their industrial manufacturing is based on non-renewable fossil resources that are progressively depleting and, after their lifetime, they are accumulated as non-biodegradable wastes. Considering the environmental concerns, a switch towards renewable material resources should be taken into consideration to promote sustainable development. One possible solution is a stronger implementation of the use of eco-friendly polymer formulations, based on biopolymers. Biopolymers can offer attractive alternatives as long as their synthesis and characterization can be easily tailored for technological applications.

### Guest Editor

Dr. Valentina Siracusa

Department of Chemical Sciences, Università degli Studi di Catania,  
95125 Catania, Italy

### Deadline for manuscript submissions

closed (31 July 2020)



## Polymers

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*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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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

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

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