



Advances in Biopolymers: Innovative Production Processes, Purification and Characterization Methods

Guest Editor:

Dr. Odile Francesca Restaino

Department of Chemical
Sciences, University of Naples
Federico II, Via Cintia 4, 80126
Naples, Italy

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Message from the Guest Editor

Natural, natural-like, and synthetic biopolymers are widely employed in numerous industrial fields from surgical and biomedical applications to pharmaceutical products, including drug coating and carrier, and from classical usage in food science and agriculture to innovative applications in nanoscience and environmental bioremediation. The production of structural tailored-cut biopolymers for specific purposes is challenging, and innovative biotechnological and synthetic processes are requested more and more often. At the same time, new purification and characterization methods are essential to better define the biopolymer structures and their potentialities of applications.

The aim of this Special Issue is to collect recent developments in the field of novel production processes and new methods of purification and characterization of biopolymers with innovative industrial applications.





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Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 14476
Potsdam-Golm, Germany

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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