Special Issue

Synthesis and Applications of Polysaccharides from Natural Resources

Message from the Guest Editors

Polymers are widely used in various applications related to human health, including combating oxidative stress, antifungal and antibacterial activities, wound treatment scaffolds, and nanoparticles for drug delivery. Natural polymers stand out within this group as renewable sources of biomolecules capable of performing the above functions, offering properties such as a low toxicity, a high biocompatibility, and biodegradability. Moreover, these polymers can be synthesized, speeding up their availability and increasing their potential significance, and modified, granting them new properties and further enhancing their potential. The versatility and sustainability of natural polymers grant them a prominent role in research focused on discovering new molecules through green technologies, as well as in the development of materials which are both functional and environmentally responsible.

Guest Editors

Prof. Dr. Moacir Fernandes Queiroz

Departamento de Bioquimica, Programa de Pós-Graduação em Bioquímica e Biologia Molecular—PPgBBM, Centro de Biociências, Universidade Federal do Rio Grande do Norte—UFRN, Natal 59078-970, Brazil

Prof. Dr. Hugo Alexandre Oliveira Rocha

Graduate Program in Biochemistry and Molecular Biology, Center of Biosciences, Federal University of Rio Grande do Norte—UFRN, Av. Sen. Salgado Filho, 3000, Natal 59078-900, Brazil

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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