



Sustainable Bio-Based Polymers: Towards a Circular Bioeconomy

Guest Editors:

Dr. José Alejandro Heredia-Guerrero

Departamento de Biología
Molecular y Bioquímica,
Universidad de Málaga, 29071
Málaga, Spain

Dr. Susana Guzman-Puyol

Departamento de Biología
Molecular y Bioquímica,
Universidad de Málaga, 29071
Málaga, Spain

Dr. José Jesús Benítez

Instituto de Ciencia de Materiales
de Sevilla, Centro mixto CSIC-
Universidad de Sevilla, Americo
Vespucio 49, Isla de la Cartuja,
41092 Sevilla, Spain

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Message from the Guest Editors

The imminent dwindling of fossil resources, the contamination derived from monomer synthesis and large-scale production, as well as important concerns about the safety of these plastics in specific applications are increasing social alarm regarding their common use. Such social concern is driving greener and stricter market policies and legal regulations concerning sustainability. Among them, the idea of a circular bioeconomy is presented as a viable and desirable solution. In particular, the use of by-products and wastes from agriculture, food, forestry, fishery, etc., to produce functional polymers is of special interest.

The Special Issue aims to publish original works and reviews about processes and technologies for the fabrication and synthesis of sustainable bio-based polymers and their industrial applications such as food packaging, biomedical devices, textiles, membranes, etc., in terms of a circular bioeconomy. Investigations about the life-cycle analysis of bio-based polymers are also included.





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Editor-in-Chief

Prof. Dr. Alexander Böker

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

Message from the Editor-in-Chief

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 5.0.

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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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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