



## Exploitation of Polymer Bionanocomposites

Guest Editor:

### Dr. Ainara Saralegi

LSRE - Laboratory of Separation  
and Reaction Engineering,  
University of the Basque Country  
(UPV/EHU), 01006 Leioa, Spain

Deadline for manuscript  
submissions:

**closed (20 December 2021)**

### Message from the Guest Editor

Polymer bionanocomposites have become a prominent area of current research and development, as they present unique structure, functionality, conductivity, processability, responsivity, biocompatibility, and biodegradability. Therefore, polymer bionanocomposites have applications in multiple areas such as biomedicine, pharmaceuticals, electronics, packaging, etc.

This Special Issue seeks to present original articles, review articles, and state-of-the-art research papers that focus on:

Research, development, and characterization of polymeric bionanocomposites with high contents of carbon from renewable resources.

Structure-property relationships of nanoreinforced polymer bionanocomposites. Proper dispersion of bio-based nanoreinforcements in polymeric matrices.

Progress and applications of polymer bionanocomposites in biomedicine, pharmaceuticals, electronics, packaging, etc.





an Open Access Journal by MDPI

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

## Contact Us

---

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

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/polymers  
polymers@mdpi.com  
X@Polymers\_MDPI