Special Issue

Applications of Polymers and Their Composites in Biotechnology

Message from the Guest Editor

The versatility and variety of polymers and their composites have sparked the growing interest in industrial biotechnology applications. Polymeric materials have controlled properties at different scales, for example in the nanometer range. The customization of polymers in hybrid materials with biomolecules allows various biotechnological applications. Polymeric materials can have their properties controlled and adapted with new functionalities, for example, semiconductors and biotechnological nanostructures to increase solubility, image recognition, application as biosensors, or even biocompatible materials. The preparation of polymeric nanofibers in tissue engineering, and their use as nanocomposites for dental applications, controlled drug delivery, wound treatments such as dressings, enzyme immobilization, enzyme biocatalyst preparation, and molecule separation are promising applications of polymers and their composites. In this context, the possibility of improving and designing new applications with polymers and their composites in biotechnology arises.

Guest Editor

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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 4.9.

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

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