

Special Issue

Polymeric Nanomaterials for Biomedical Application

Message from the Guest Editor

This Special Issue aims to present recent advances in the design, development, and application of polymeric nanomaterials and biosensors for both biomedical and environmental purposes. With the increasing need for efficient, low-cost, and sensitive diagnostic platforms, polymeric-based systems have emerged as powerful tools for drug delivery, disease diagnosis, and pollutant detection. This Special Issue invites original research and comprehensive reviews focusing on nanostructured polymers, hybrid materials, functional hydrogels, and lab-on-a-chip technologies. Emphasis will be given to interdisciplinary approaches that bridge nanoscience, biotechnology, and materials science, especially those demonstrating practical applications in health and environmental remediation.

Guest Editor

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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 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

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