## Special Issue

# Biopolymers for Biomedical Applications

## Message from the Guest Editors

Polymeric biomaterials represent the most attractive and challenging representatives for modern biomedical applications. Natural or synthetic and blend or composite, biopolymers possess impressive and facile processability, attractive physicochemical properties and remarkable biofunctionality. Polymeric biomaterials have proven to be beneficial substrates for interactions with (macro)molecules, cells, and living organisms, providing superior and indisputable features, such as biocompatibility, bioactivity, biodegradability, nontoxicity, non-immunogenicity, a pharmacological profile, and restorative and regenerative potential. This Special Issue on "Biopolymers for Biomedical Applications" will focus on the latest advances and reports on the progress of biopolymeric materials intended for biomedicine. While covering a broad range of fundamental, experimental, and industrial topics, we warmly invite academics and scientists to contribute with original research papers, short communications, and review articles.

## **Guest Editors**

Dr. Valentina Grumezescu

National Institute for Laser, Plasma and Radiation Physics, RO-077125 Magurele, Romania

## Dr. Oana Gherasim

 Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, RO-011061 Bucharest, Romania
 Lasers Department, National Institute for Laser, Plasma and Radiation Physics, RO-077125 Magurele, Romania

## Deadline for manuscript submissions

closed (30 November 2020)



# **Polymers**

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.7 Indexed in PubMed



mdpi.com/si/36936

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

mdpi.com/journal/polymers





# Polymers

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.7 Indexed in PubMed



## **About the Journal**

## 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 4.9.

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

## Prof. Dr. Alexander Böker

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

## **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)

