



Polymeric Colloidal Systems in Nanomedicine

Guest Editors:

**Prof. Dr. Leonard-Ionut
Atanase**

1. Department of Biomaterials,
Faculty of Medical Dentistry,
"Apollonia" University of Iasi,
700511 Iasi, Romania
2. Academy of Romanian
Scientists, 050045 Bucharest,
Romania

Prof. Gerard Riess

Laboratoire de Photochimie et
Ingénierie Macromoléculaire,
Ecole Nationale Supérieure de
Chimie de Mulhouse, Université
de Haute Alsace, Mulhouse
Cedex, France

Deadline for manuscript
submissions:

closed (30 April 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will integrate fundamental research with the practical application of colloidal systems in the field of nanomedicine. Of practical interest are the copolymer-based drug-loaded colloidal systems, such as micelles, polymersomes, nanogels, liposomes etc., with diameters in the range of 1 nm to 400 nm. Another domain of interest is that of functionalized colloidal systems with specific ligands for active targeted drug delivery.

The authors will try to explain the correlations between the molecular structure of the colloidal systems and the encapsulation efficiency and/or the drug release kinetics. In vitro analysis of cell lines will be welcome but not mandatory. Regular research articles and reviews will be accepted for publication in this Special Issue.

Prof. Leonard Atanase

Prof. Gerard Riess

Guest Editors





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