



Polymers: Application in Cancer Nanotheranostics, Especially Drug Delivery

Guest Editors:

Dr. Marzieh Salimi

School of Physics and
Astronomy, University of Exeter,
Exeter EX4 4QL, UK

Dr. Shreyas Kuddannaya

Cellular Imaging Section-Institute
for Cell Engineering, Department
of Radiology, Johns Hopkins
University-School of Medicine,
Baltimore, MD 21205, USA

Deadline for manuscript
submissions:

closed (20 February 2024)

Message from the Guest Editors

Dear Colleagues,

It is a great pleasure to present this Special Issue, "Polymers: Application in cancer nanotheranostics, especially drug delivery".

Nanotheranostic platforms using different nanoparticles to perform diagnostics and treatment have become a potential approach for future cancer management. The coating of nanoparticles with polymers seems essential to serve nanoparticles' biocompatibility and drug-loading properties. We also aim to show the critical role of polymers in drug delivery systems as a cancer therapeutic strategy. Other therapeutic approaches can include magnetic hyperthermia, radiation therapy, and photothermal therapy using polymeric nanoparticles.

This Special Issue of *Polymers* is dedicated to the applications of polymers in cancer nanotheranostics, especially drug delivery. We invite researchers to submit papers aiming at the development of nanoparticles using polymers in cancer diagnostics, such as Raman spectroscopy, magnetic resonance imaging, computed tomography, magnetic particle imaging, and therapeutics. The submission of subdiscipline-specific reviews is also welcome.





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