

Special Issue

Polymeric Materials for Drug Delivery and Tissue Engineering Applications

Message from the Guest Editors

Polymeric materials are currently considered one of the cornerstones in drug delivery and tissue engineering advancements. Due to their wide range of properties, scientists consider them ideal matrices in the design of delivery systems or scaffolds for tissue engineering applications. The aim of this Special Issue is to address the latest scientific approaches and techniques taken by researchers while employing various polymeric matrices to overcome the challenges faced in drug delivery and tissue engineering. We welcome submissions in the form of reviews and full research articles that present multidisciplinary research efforts in synthesizing new polymeric materials or employing existing polymers in advanced controlled and targeted drug delivery functionality, nanotechnology, micropatterning, microfluidics, photocuring, and other technologies utilized in the pharmaceutical and biomedical fields. We also welcome submissions directed to using polymeric materials in fabricating three-dimensional matrices and rendering them deliverable through minimally invasive techniques and those engineered to achieve specific biological effects on cells and tissue regeneration.

Guest Editors

Prof. Dr. Husam Younes

Tissue Engineering and Nanopharmaceuticals Research Laboratory, Biomedical Research Center, Medical and Health Education, Qatar University, Doha, Qatar

Prof. Dr. Raid Alany

1. Faculty of Science, Engineering and Computing, Kingston University London, Penrhyn Road, Kingston upon Thames, London KT1 2EE, UK
2. Faculty of Medical and Health Sciences, The University of Auckland, Auckland CBD, Auckland 1010, New Zealand

Deadline for manuscript submissions

closed (28 February 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/187733

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

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)