

## Special Issue

# 3D Printing Polymer Materials and Their Biomedical Applications

### Message from the Guest Editor

This Special Issue explores the transformative potential of 3D printing in the medical field, particularly focusing on the use of polymer-based materials. This collection of research articles delves into innovative approaches for developing biocompatible polymers tailored for various medical and pharmaceutical applications, including the following topics:

- Personalized Medicine through 3D-Printed Polymeric Oral Drug Delivery Systems;
- Transdermal Drug Delivery Devices;
- Polymer-Based Implants for Localized Drug Delivery;
- Polymeric Hydrogels for Sustained Drug Release and Development of 3D-Printed Buccal;
- Sublingual Drug Delivery Films.

### Guest Editor

Dr. Jiaxiang Zhang

School of Medicine and Pharmacy, Ocean University of China, Qingdao, China

### Deadline for manuscript submissions

closed (25 July 2025)



## Polymers

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**Impact Factor 4.9**  
**CiteScore 9.7**  
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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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