



## Polymers for Pharmaceutical Applications

Guest Editor:

**Prof. Dr. Vitaliy V.  
Khutoryanskiy**

Reading School of Pharmacy,  
University of Reading, Reading  
RG6 6AD, UK

Deadline for manuscript  
submissions:

**closed (29 February 2020)**

### Message from the Guest Editor

Dear Colleagues,

Polymers are widely used in pharmaceutical applications. It is difficult to imagine a modern dosage form which could be prepared completely without the use of polymers. Polymers could play different roles in the design of pharmaceutical dosage forms. They could be used as suspending, emulsifying, binding, and flocculating agents, adhesives, packaging, and coating materials. They could also be used to make gels, nanoparticles, microparticles, and various capsules. Some functional polymers also exhibit intrinsic biological activity, e.g., materials with antimicrobial or anticoagulant properties. Additionally, drugs and other biopharmaceutical agents could be covalently linked to some polymers to modify their properties.

All these potential pharmaceutical applications of polymers will be covered in this Special Issue, which welcomes submission of both reviews and original research articles in this area.





an Open Access Journal by MDPI

## 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

## 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.

## 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