



## Pharmaceutical Applications of Polymers for Drug Discovery and Delivery

Guest Editor:

**Dr. Sobia Noreen**

Department of Pharmaceutical  
Technology, Institute of  
Pharmacy, University of  
Innsbruck, Innsbruck 6020,  
Austria

Deadline for manuscript  
submissions:

**closed (31 December 2023)**

### Message from the Guest Editor

Dear Colleagues,

Polymers have numerous medical and pharmaceutical applications. The development of pharmaceutical dosage forms invites the potential for many functions of polymers. Significant research has been devoted to polymer-based drug delivery system (DDS) in recent years, and a number of promising applications for polymer-based delivery systems have reached the clinical stage. Despite these remarkable advances, more foundational and applied research is required to control the characteristics and performance of polymer-based DDS with precision. The promising applications of polymers include controlled and targeted drug release, the improvement of drug stability and the development of DDS, i.e. nanoparticles, microparticles, and hydrogels and nanogels. In addition to their more common uses as emulsifiers, suspending agents, binding agents, and flocculating agents, polymers are versatile enough to serve as adhesives, packaging materials, and coating materials. Pharmaceutical applications of polymers for drug discovery and delivery, are the focus of this Special Issue, which invites both reviews and original research articles on the subject.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química e Bioquímica (CQB), Faculdade de Ciências, Universidade de Lisboa (FCUL), Rua Ernesto de Vasconcelos, Campo Grande, Edifício C8, 5º Piso, 1749-016 Lisboa, Portugal

## Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

*Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

We hope to handle your contribution to *Pharmaceuticals* soon.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [Embase](#), [CAPus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Pharmacology & Pharmacy*) / CiteScore - Q2 (*Pharmaceutical Science*)

## Contact Us

*Pharmaceuticals* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/pharmaceuticals](http://mdpi.com/journal/pharmaceuticals)  
[pharmaceuticals@mdpi.com](mailto:pharmaceuticals@mdpi.com)