



## Polyhydroxylated Platforms for Pharmaceutical Applications

Guest Editors:

**Prof. Dr. Miguel A. Esteso**

Faculty of Health Sciences,  
Catholic University of Ávila, Calle  
Los Canteros s/n, 05005 Ávila,  
Spain

**Dr. Ana Cristina Faria Ribeiro**

Department of Chemistry,  
University of Coimbra, 3004-535  
Coimbra, Portugal

**Dr. Ana Maria Telmo Dias**

**Pereira Vicente Cabral**

Faculty of Pharmacy, University  
of Coimbra, 3000-548 Coimbra,  
Portugal

Deadline for manuscript  
submissions:

**closed (20 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

In the field of pharmacy, the use of macrocycle molecules for various purposes is widespread. Thus, for example, polyhydroxylated platforms, among which cyclodextrins, resorcinarenes, pyrogallolarenes and calixarenes are included, have gained great importance in recent decades. Among other applications, these polyhydroxylated platforms have been used to improve the solubility of drug active principles, to increase their stability and bioavailability, and for the determination of proteins and nucleic acids, and they have even proven useful in sensitization therapies.

Expanding the knowledge on the characteristics and properties of these macrocycles will allow us to understand their use in processes such as encapsulation, transport and controlled drug release. It would also enable us to know if these macrocycles can play an important role in the stability, bioavailability, solubility or even biological activity of drugs.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Patrick J. Sinko

Ernest Mario School of  
Pharmacy, Rutgers, The State  
University of New Jersey, William  
Levine Hall, Room 225C, 160  
Frelinghuysen Road, Piscataway,  
NJ 08854-8020, USA

## Message from the Editor-in-Chief

*Pharmaceutics* (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. 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), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

## Contact Us

---

*Pharmaceutics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/pharmaceutics](http://mdpi.com/journal/pharmaceutics)  
[pharmaceutics@mdpi.com](mailto:pharmaceutics@mdpi.com)  
X@MDPIpharma