



## Porous Micro and Nanoparticles for Drug Delivery

Guest Editors:

**Prof. Dr. Pablo Gaviña**

Instituto Interuniversitario de Reconocimiento Molecular y Desarrollo Tecnológico (IDM),  
Universitat de València, Doctor Moliner 50, Burjassot, 46100, Valencia, Spain

**Prof. Dr. Margarita Parra**

Instituto Interuniversitario de Reconocimiento Molecular y Desarrollo Tecnológico (IDM),  
Universitat de València, Doctor Moliner 50, Burjassot, 46100 Valencia, Spain

Deadline for manuscript  
submissions:  
**closed (30 October 2021)**

### Message from the Guest Editors

Although the fields of molecular, biomolecular and supramolecular chemistry and inorganic materials have traditionally been poorly interrelated, research into this cross-disciplinary region has recently emerged almost exponentially and has resulted in a many novel hybrid materials with advanced functions in a surprisingly short time. Among the different inorganic solids, much attention has been given to porous materials in both fundamental and applied research. In this scenario, gated nanochemistry is a highly topical tool that has been applied to the design of new advanced functions by means of mass transport control in nanometric terms. In recent years, gated supports have proven excellent candidates for designing controlled release systems for different applications, including drug delivery and sensing.

This issue aims to collect the latest advances and state-of-the-art in the field of controlled drug delivery, using porous nano- or microparticles as drug carriers. The combination of these materials with selective molecular gates, which open only on the site of action as a result of some target stimulus, is expected to improve drug bioavailability and reduce drug toxicity.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,  
Ernest Mario School of  
Pharmacy, Rutgers University,  
Piscataway, NJ 08854, 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 & Pharmacy*) / CiteScore - Q1 (*Pharmaceutical Science*)

## Contact Us

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