



an Open Access Journal by MDPI

# Formulation Strategies for Suitable and Effective Drug Delivery Systems in Pediatrics

Guest Editor:

#### Dr. Marzia Cirri

Department of Chemistry, University of Florence, via Schiff 6, Sesto Fiorentino, 50019 Florence, Italy

Deadline for manuscript submissions: closed (31 May 2024)

### Message from the Guest Editor

Dear Colleagues,

The development of pediatric drug formulations is challenging since they must be adapted to children's needs depending on their age, requiring constant dosing adjustments according to their weight and physiological conditions, as well as requiring different administration routes and dosage forms. The lack of specific formulations results in a large use of extemporaneous preparations leading to poor dosing accuracy and the need to develop suitable dosage forms.

Acceptability, namely, the ability and willingness of the patient to use and their caregiver to administer the medicine as intended, is the main issue to consider in the development of pediatric formulations to assure adherence to therapy. Other critical issues are the stability of the formulations and the choice of suitable excipients for a safe and effective treatment.

Original research papers, communication papers and review articles focused on formulation strategies for the development of suitable and effective pediatric formulations are welcome in this Special Issue.









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 mdpi.com/journal/pharmaceutics pharmaceutics@mdpi.com X@MDPIpharma