

Special Issue

Formulation Strategies for Suitable and Effective Drug Delivery Systems in Pediatrics

Message from the Guest Editor

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.

Guest Editor

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