

## Special Issue

# Solubilization and Controlled Release Strategy of Poorly Water-Soluble Drugs 2024

### Message from the Guest Editor

The processes of solubilization and controlled release of drugs that are not very soluble in water are of great relevance to the pre-formulation of drugs in pharmaceutical developments. A large number of drugs have been industrialized, but almost 70% of them have low solubility in water, which limits their dissolution rate and, consequently, their bioavailability. It is a problem with far-reaching repercussions for the pharmaceutical industry, so the discovery of new technological tools for the hydrosolubilization of drugs that do not affect their physical–chemical and therapeutic properties will constitute an extraordinary achievement. On the other hand, the search for knowledge about the interaction mechanism and the different properties of drug-controlled release systems is currently of great importance in drug formulation. We invite authors to submit original research or review articles on these topics, including the development of novel solubilization strategies, as well as innovative alternative methods to obtain new controlled-release pharmaceutical forms, suitable for a specific patient and the pathology to be treated.

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### Guest Editor

Prof. Dr. María Peña Fernández

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### Deadline for manuscript submissions

closed (25 April 2025)



## Pharmaceuticals

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### 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*.

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

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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