



Formulation of Photosensitive Drugs

Guest Editors:

Dr. Giuseppina Ioele

Department of Pharmacy, Health and Nutritional Science, University of Calabria, 87036 Rende, CS, Italy

Prof. Dr. Gaetano Ragno

Department of Pharmacy, Health and Nutritional Sciences, University of Calabria, Via P. Bucci, 87036 Rende (CS), Italy

Deadline for manuscript submissions:

closed (31 January 2023)

Message from the Guest Editors

Dear Colleagues,

The photostability studies of a drug have assumed great importance in recent decades. The most frequent effect in the drug photodegradation is the loss of its pharmacological activity, but, in several cases, the process can involve the formation of toxic products. The monitoring system is nowadays regulated by the international guidelines from ICH (International Conference on Harmonization), which arranges the photostability study of both the drug and its pharmaceutical forms. Several methods for the monitoring of photosensitive drugs have been proposed, largely based on spectrophotometric, chromatographic, and multivariate analytical data processing.

Alongside the traditional methods of protecting the drug from light by means of opaque containers, there is great interest in alternative approaches based on photoprotective matrices. The most studied matrices are those enriched with photoabsorbent excipients or the polymeric and supramolecular matrices. The latter, in particular, combine the photoprotective effect with the ability to vehicular drugs with different physical–chemical features.





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

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