

Special Issue

Drug Delivery in Photodynamic Therapy (PDT)

Message from the Guest Editors

In the last decades, Photodynamic Therapy (PDT) has emerged as a valuable alternative for the treatment of different solid tumors. Thanks to its low degree of invasiveness and high selectivity, PDT has been increasingly considered as a successful option also for the treatment of non-oncological diseases, such as infections, dermatological and ophthalmological disorders. With the advent of nanotechnology and its applications in the pharmaceutical and medical field, PDT researchers have started to conceive and realize PS delivery vehicles capable of improving PS biodistribution and pharmacokinetics, besides guiding its preferential accumulation at the desired tissues and promoting the controlled drug release. Meantime, interest has grown toward the development of cell-based approaches and biomimetic strategies for improving PS delivery and PDT efficacy. The goal of this Special Issue is to highlight the current progress of drug delivery systems applied to oncological and non-oncological PDT, by the description of cell- or nanoparticle-based approaches. Authors are invited to submit original research articles and reviews in this very timely research field.

Guest Editors

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Deadline for manuscript submissions

closed (10 April 2022)



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