

Special Issue

Advances in Phototherapy and Sonodynamic Therapy

Message from the Guest Editors

Nanomaterials-mediated photo and sonodynamic therapeutic cancer treatments provide significant hope for enhancing patients' quality of life. Phototherapy is a prominent non-invasive treatment modality in which nanomaterials absorb incident light and generate thermal heat (to mediate photothermal therapy—PTT) and cytotoxic reactive oxygen species (to mediate photodynamic therapy—PDT), allowing them to tackle tumors efficiently in both in vitro and in vivo models. Meanwhile, sonodynamic therapy (SDT) leverages sonosensitizers exposed to low-intensity ultrasound for tumor ablation. This Special Issue of *Pharmaceutics* will focus on the advances in nanomaterials-mediated photo/sonodynamic approaches (including, but not limited to, phototherapy, photodynamic therapy, sonodynamic therapy, theranostic platforms) used to combat cancer. High-quality research papers, reviews, and perspectives are welcome.

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Deadline for manuscript submissions

closed (20 November 2023)



Pharmaceutics

an Open Access Journal
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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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