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# Photodynamic, Photothermal and Photoimmune Therapy and Other **Antimicrobial Nanomedicine-Related Applications**

Guest Editors: Dr. Laura Marinela Ailioaie Dear Colleagues, Prof. Dr. Michael R. Hamblin Prof. Dr. René-Jean Bensadoun **Dr.** Constantin Ailioaie

Deadline for manuscript submissions: closed (31 December 2024) Message from the Guest Editors

This Special Issue welcomes the submission of original research manuscripts or reviews in the area of pharmaceutical sciences and the latest combined integrative therapies such as photothermal, photodynamic and photo-immunotherapy (PTT, PDT, PIT), together with light-triggered multifunctional nanoplatforms loaded with novel nanodrugs as smart solutions in synergistic nanomedicine of the future. We invite all of you to contribute interesting papers and cutting-edge results in this exciting research and medical field, and open up additional avenues to accelerate the advancement of innovative approaches for multi-target tumor management, so as to meet the critical needs of patients and redefine cancer therapy. We aim to collect and introspect high-tech medical applications in molecular and cellular research of photosensitizers, new light and laser energy delivery systems, nanorobots and nanomedicines, as well as the features of photomedicine integration of PTT, PDT and PIT as molecular-targeted therapies in immuno-oncology, from bench to bedside.









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### Message from the Editor-in-Chief

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