

Special Issue

The Past, Present and Future of Photodynamic Therapy for Cancers

Message from the Guest Editors

Photodynamic therapy was introduced more than one hundred years ago as a method that needed three elements to create local toxicity: a photosensitizer, light, and oxygen. Many preclinical studies and clinical trials have been conducted showing the great potential of this local cancer therapy, which has also been described to lead to systemic effects through activation of the immune system. Those studies led to the regulatory approval of PDT as a cancer treatment. Nonetheless, it is generally accepted that this treatment modality is still underutilized in the clinic. The Special Issue aims to assemble significant contributions in the following categories:

- Crucial *past* efforts made in this field;
- Insights into the *present* applications of PDT in the clinic;
- Current developments focused on improving PDT, such as but not limited to:
 - Macromolecular targeting of photosensitizers;
 - Nanoparticles as photosensitizers' delivery vehicles;
 - Light delivery and dosimetry;
 - Combination of PDT with other therapies;
 - Immunological component of PDT;
 - Alternatives for hypoxic tumors;
- Perspectives on the *future* of PDT.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2020)



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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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