Special Issue

Photodynamic Therapy in the Inactivation of Microorganisms

Message from the Guest Editor

This Special Issue aims to update the recent knowledge about antimicrobial photodynamic therapy. Although the efficacy of antimicrobial photodynamic therapy (aPDT) has been proved to be an alternative to the conventional antimicrobials, there is still room for new improvements namely to translate the approach to medical and environmental areas. Some important aspects are related with the development of synthetic strategies able to afford efficient photosensitizers at low cost and also of photodynamic protocols where the amount of the photosensitizer or the treatment time is decreased. It is expected that this special issue can also motivate groups to respond to the currently underutilization in clinic and environmental applications in order to obtain safe aPDT protocols to the host and to the environment.

Guest Editor

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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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