

Special Issue

Non-Thermal Plasma Interactions with Different Living Systems 2.0

Message from the Guest Editor

Non-thermal plasma (NTP) and its impacts on different biological systems have begun to be more extensively studied in the past few decades. Its decontamination effects are the most significant and most studied. Plasma can effectively inactivate a broad range of microorganisms, which predetermines it for many practical applications in the agriculture and food industry. The positive impact of NTP has been confirmed in medicine, especially, in dermatology and oncology. Besides this, NTP can also degrade various pharmaceuticals from wastewater or the environment. This Special Issue will bring together original research and review articles on non-thermal plasma interactions with various living systems. It highlights discoveries, comprehensive approaches, and developments in molecular research on the utilization of this physical factor in different fields of human life. The main feature of this Special Issue is to provide open-source sharing of significant works in the field of molecular research that can advance our understanding of plasma action, which may lead to the genotoxicological safety in all mentioned applications.

Guest Editor

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