



Gas Plasma Technology in Biology and Medicine

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Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

Medical gas plasma technology is increasingly gaining attention in the field of biology and medicine. This is owing to its therapeutic effects, as ample evidence in the fields of cancer, wound healing, and other dermatological disorders suggests. At the same time, medical gas plasmas are excellent tools to study the redox and biochemistry of reactive oxygen and nitrogen, and their reaction trajectories. With the medical application in mind, and many chemical and biological mechanisms yet unraveled, the plasma medicine field provides an exciting opportunity to work at the intersection between technology, engineering, chemistry, and biomedicine. This Special Issue welcomes submissions dealing with new findings, with gas plasma technology that may contribute to propelling their application in medicine in the future.

Keywords

- cancer
- wound healing
- redox biology
- redox chemistry
- redox medicine
- cold physical plasma
- medical gas plasma technology
- cell biology
- biochemistry
- reactive oxygen and nitrogen species



mdpi.com/si/39357

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Special Issue



an Open Access Journal by MDPI

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Message from the Editor-in-Chief

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