

Special Issue

Gas Plasma Technology in Biology and Medicine

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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