



The Advances of Cold Plasma in the Biomedicines 2.0

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Deadline for manuscript
submissions:

closed (15 April 2023)

Message from the Guest Editor

Plasma used in industrial fields requires a vacuum state and can generate high heat. When the temperature of the plasma is less than 250 degrees Celsius, it is called low-temperature plasma. In order to be treated on human tissues, the temperature of the plasma must be less than 40 degrees Celsius. In that respect, it has recently been referred to as cold plasma. Plasma medicine, which started when cold plasma was applied to bacteria and cells, has made considerable progress over the past 20 years. The scope of plasma research has expanded from just killing pathogens and cancer cells to tissue regeneration and selective cancer cell death. In the current research climate, this Special Issue calls for advanced plasma medicine research results by not only explaining various life phenomena induced by plasma, but also cellular or histologic mechanisms. The scope of the research subject is limited to bacteria living in animals, animal cells and tissues, and biomaterials that can be inserted into the human body. Experimental papers and review papers consistent with this research topic are both eligible.





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Message from the Editor-in-Chief

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