



## Plasma Biology 2.0

Guest Editors:

**Dr. Akikazu Sakudo**

School of Veterinary Medicine,  
Okayama University of Science,  
Imabari, Ehime 794-8555, Japan

**Dr. Yoshihito Yagyu**

Department of Electrical and  
Electric Engineering, Sasebo  
National College of Technology,  
Sasebo, Nagasaki 857-1193,  
Japan

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### Message from the Guest Editors

Plasma technology is becoming increasingly important in our daily life. For example, in the medical field and dentistry, plasma is used as a method of disinfection/sterilization. Moreover, further potential novel applications of this technology in different forms of therapy have been proposed. In the agricultural sector, plasma technology could contribute to higher crop yields by enhancing seed germination and the growth of plants, as well as the preservation of foods by disinfection. Plasma technology could also be utilized in environmental applications, including water treatment and remediation as well as the treatment of exhaust gases. Although recent extensive studies have uncovered the broad potential of plasma technology, its mechanisms of action remain unclear. This Special Issue calls for original articles and reviews investigating the molecular mechanisms of plasma biology. Relevant areas of study include applications in plasma medicine, plasma agriculture, plasma environmental science and plasma chemistry. Studies on therapeutic approaches using plasma itself and plasma-treated solutions are also welcome.





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### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

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*International Journal of Molecular  
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MDPI, St. Alban-Anlage 66  
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