Special Issue

The New Advance on Disinfectant of Virus and Microorganisms, 2nd Edition

Message from the Guest Editor

Nanomaterials have the ability to prevent viral contamination by air and contact with contaminated surfaces and have the ability to sterilize protective equipment especially in hospital settings. Creating self-disinfecting surfaces is another strategy to prevent thespread of COVID-19. Besides, non-thermal plasma application is a novel way in medical treatments. Development of coagulation methods using non-thermal plasma is critical for surgical application. Aragon plasma coagulation-assisted tonsillectomy reduced the oprtation time. Reactive Oxygen Species are engages in the wound healing process during this oparation. More use of photocatalysis and UV-C is expected for the protective equipment of hospital settings besides mechanical ventilation. There are several products made of nanocomposites that have antimicrobial activities and used in the disinfection of surfaces.

Guest Editor

Prof. Dr. Takashi Onodera

Research Center for Food Safety, University of Tokyo, Bunkyo-ku, Tokyo 113-8657, Japan

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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