



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

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### 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 the spread 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. Argon plasma coagulation-assisted tonsillectomy reduced the operation time. Reactive Oxygen Species are engaged in the wound healing process during this operation. 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.





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## Message from the Editor-in-Chief

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