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Novel Antimicrobials for Surfaces to Prevent Exposure to Pathogens

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2021)

Message from the Guest Editor

Dear Colleague,

Exposure to microorganisms such as fungi, bacteria, viruses, and their byproducts may cause diseases and allergenic responses. To prevent infection from spreading and to maintain the barrier, disinfection and hygiene habits are crucial. We are looking for approaches to improve and maintain high level of hygiene. Such measures become particularly relevant in healthcare-associated environments.

In the food area efforts have recently been directed towards active packaging containing antimicrobials to avoid further microbial deterioration of food products and to enhance food preservation.

In the textiles field, antimicrobial finishing finds application in food, pharmaceutical, medical, engineering and agricultural industries so that users are protected from pathogenic or odor-generating microorganisms.

As a consequence, there is an increasing demand for novel and improved antimicrobials active against a wide range of potential pathogens.
The main aim of this Special Issue is to offer an updated overview of the most innovative studies focused on antimicrobials for surfaces to control exposure to bacteria, viruses, and fungi.

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Editor-in-Chief

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Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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