Special Issue

Biocidal and Antimicrobial Surfaces

Message from the Guest Editors

Sanitizing coatings for surfaces represents an important innovation in healthcare. They may have biocidal or biostatic activity, in addition to presenting the challenge of compatibility with different classes of cleaning products commonly used in domestic or institutional environments. They can be applied in the most varied medical and veterinary areas, food and pharmaceutical industries and institutions, agriculture, and aerospace fields, equipment and automobiles, as well as in domestic areas. However, the development of intelligent coatings with wide application and the standardization of methods for evaluating antimicrobial activity, toxicity and physical–chemical characteristics in real environmental conditions requires attention. Considering the growing problems of nosocomial infections, pandemics, and hygiene crises around the world, this Special Issue will appeal not only to research institutions, but also to technology companies. Areas of interest may include antimicrobial coating materials, including nanotechnology; technological advances, mechanisms, compatibility, safety and efficacy; and standardization of methods for evaluating active antimicrobial coatings.

Guest Editors

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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.

Editor-in-Chief

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