

Special Issue

What Is Next for Antibacterial Materials

Message from the Guest Editor

For a long time, the bacterial contamination of surfaces, leading to biofilm formation, has been a major problem in fields as diverse as medical, food or cosmetics, and despite the use and development of preventive hygiene protocols. In order to eliminate or reduce bacterial colonization of surfaces and biofilm formation, many strategies have emerged. The two main approaches are (i) to repel bacteria and (ii) to kill bacteria but neither antiadhesive nor bactericidal surfaces have yet allowed us to win the battle against bacterial contamination. This Special Issue aims to identify the latest advances and the future in the race for the perfect antibacterial material.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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