



Recent Advances in Applied Microbiology 2.0

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Message from the Guest Editor

Microorganisms that were previously considered villains now play very important and beneficial roles in a wide variety of settings, including environment, food, agriculture, veterinary medicine, systematics, bioremediation, industry, medicine, and pharmaceuticals, leading to the emergence of the term “applied microbiology”. Additionally, microbiology has evolved through the discovery of new species, the selection and improvement of known strains, and the introduction of non-native genes for acquiring new expression products or functional traits. Market analysis corroborates the importance of this branch of life sciences; indeed, applied microbiology was valued at around USD 24.3 billion in 2017, and is expected to exceed USD 675.2 billion by 2024.

This Special Issue, entitled “Recent Advances in Applied Microbiology”, calls for reviews as well as original research articles documenting the progress and current understanding of different aspects of the vast field of applied microbiology.

Keywords: applied microbiology; microorganisms; microbiology





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Message from the Editor-in-Chief

"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.

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