



Microbial Genetics and Evolution

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Message from the Guest Editors

Microorganisms have been thriving on Earth for billions of years and their environments have undergone fundamental changes over this time: thus, they have evolved extraordinary capacities to adapt to environmental and evolutionary challenges. Clues as to how they started and traveled along this evolutionary road are conserved in their genomes; the current structure and organization of genes and genomes have been increasingly characterized thanks to modern and efficient molecular techniques, making possible a better understanding of the mechanisms at the basis of their evolution, expansion, and shaping. This Special Issue of *Microorganisms* aims to expand the current state of the art regarding microbial genetics and evolution. Research, review, and opinion articles concerning the current challenges of evolutionary-oriented microbial genetics fit the topic of this Special Issue perfectly.





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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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