Special Issue

Advances in Investigations of the Coral Holobiont

Message from the Guest Editors

Coral reefs are incredibly diverse ecosystems, providing ecosystem services to millions of people. These ecosystems rely on the complex and often mutually beneficial relationship between corals and their associated eukaryotic and prokaryotic microorganisms, such as photosynthetic dinoflagellates, bacteria, fungi, virus, archaea, and endolithic algae. For this Research Topic, we seek to bring together a broad range of studies that enhance our understanding of the symbiotic association between corals and microorganisms. We welcome original studies, (mini-)reviews, and opinion papers. Keywords: algae; bacteria; bleaching; ecophysiology; molecular biology; mutualism; reefs; Symbiodiniaceae; symbiosis; virus

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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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