Special Issue

Ciliated Protists

Message from the Guest Editor

Ciliated protists are a diverse group of unicellular eukaryotes that vary widely in morphological, genomic, and ecological niche. Facilitated by modern biology techniques, ciliate models have contributed to the achievement of recent research advances on cell biology, macromolecule structures, functional genomics, eukaryote evolution, sex determination, environmental adaptation, and chromatin biology. Continual methodological improvements (such as single-cell sequencing, cryo-electron microscopy, and quantitative proteomics) have expanded the applications of ciliate models to new fields of study for all levels of education and research. Besides new methods, expanded sampling and redescription of poorly understood ciliates refined and reconstructed our current understanding of the evolution history of kingdoms of life. Such advances have yielded novel insights from this broad class of intriguing organisms and will continue to open new avenues of biological research. In this context, this Special Issue invites you to send contributions concerning any biological questions related to the ciliated protists.

Guest Editor

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Deadline for manuscript submissions

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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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