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Latest Review Papers in Systems Microbiology 2023

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submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to collect high-quality review papers from all areas of systems microbiology. Topics include microbial interactions at the single-cell and/or at the microbial community level using omics and/or meta-omics, bioinformatics and mathematical approaches, integrating and analyzing complex data sets (phenomics, genomics, epigenomics, transcriptomics, and metabolomics) to develop mechanistic models, and the development of bioinformatics and statistics tools for complex systems modeling and novel approaches to microbiome analysis. We encourage researchers from related fields to contribute review papers highlighting the latest developments in systems microbiology, or to invite relevant experts and colleagues to participate. Full-length, comprehensive reviews will be preferred.

Prof. Dr. Bart C. Weimer

Guest Editor



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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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