

Special Issue

Microbial Systems and Synthetic Biology

Message from the Guest Editors

Microbial systems biology approaches a living system as an interactive and complicated network, rather than as a sum of individual components. Microbial synthetic biology tries to make individual components, and devices, to build up systems with such biological components.

Therefore, authors are invited to submit original research and review articles that address the progress and current standing of microbial systems and(or) synthetic biology.

Topics include but are not limited to the following:

Elucidation of microbial metabolic or regulatory networks at multiple levels;
Reconstruction of microbial metabolic networks and(or) their industrial applications;
High-throughput techniques for the analysis and identification of microbial metabolic or regulatory components and(or) networks;
Designing, building, testing, and learning the biological parts, circuits, devices, and cells for obtaining new functions;
Construction of artificial or minimal genomes;

Experimental or theoretical design principles for synthetic biology.

Guest Editors

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Deadline for manuscript submissions



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

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