



## Current Advances and Perspectives in Microbial Genetics and Genomics

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### Message from the Guest Editors

This Special Issue welcomes submissions dealing with microbial genetics, genomics, and metagenomics, focusing specifically on bacteria, archaea, and bacteriophages. We encourage research articles that explore diverse aspects, including, but not limited to, gene regulation, microbe–host interactions, antibiotic resistance mechanisms aiding the development of new antimicrobial strategies or the discovery of novel antimicrobial compounds or biomolecules of biotechnological interest from diverse microbial sources, metabolic pathways of environmental and commensal bacteria (including xenobiotic degradation), and the fascinating evolutionary trajectories of microbial genomes. Whether investigating genetic diversity within bacterial populations or elucidating the role of phages in shaping microbial communities, we welcome contributions that improve our understanding of the intricate molecular mechanisms that drive microbial life.





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## Message from the Editor-in-Chief

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