

Special Issue

New Insights into Essential Genes and Functions

Message from the Guest Editors

The “omics” era has led to interesting new opportunities for the functional study of genomes. However, an outstanding overview of recent progress in this field is lacking. While scientific disciplines have become increasingly sectorial, the link between them is often underestimated. This Special Issue, “New Insights into Essential Genes and Functions”, aims to address that gap through covering ‘essential genes and functions’ and their condition dependency. The expression of phenotypic traits, indeed, depends on various factors, including their genetic background, environment, biological rhythms, tissue, cell types, health status, and combination. In this respect, we would like to invite original research papers and review articles dealing with the aforementioned issue from analytical, methodological, computational, biological, and evolutionary point of views, applied either to eukaryotes or prokaryotes. We welcome all contributions advancing our understanding of essential biological processes and genes, through innovative strategies, for functional interpretation of next-generation genomic data. We look forward to receiving your contributions.

Guest Editors

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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