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Omics and Bioinformatics

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Message from the Guest Editors

Dear Colleagues,

Omics is a rapidly developing field, with new possibilities for investigating genomes, proteomes, and microbiomes for ecological, phylogenetic, clinical, and biotechnological purposes. Despite massive sequencing and sampling activities by the research community, we are still a long way from fully characterizing many genes. Bioinformatic tools should be continually improved, and new methods must be developed to increase data resolution due to the enormous amount of data being collected. The purpose of this Special Issue is to focus on the use of NGS-based sequence analysis techniques such as genomics, metagenomics, proteomics, metatranscriptomics and transcriptomics in the study of microbial diversity and function in the environment, clinical, and other allied sciences. It encourages cutting-edge and state-of-the-art publications that will provide readers with current knowledge of recent and upcoming research in the discipline.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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