

## Special Issue

# Genomics and Bioinformatics in Microbial Science

### Message from the Guest Editor

Genomic research has been pivotal in uncovering the microbial world and shedding light on its evolution, diversity and functionality. We are excited to announce this Special Issue of *Genes* aiming to untangle genetic intricacies in microorganisms, with a specific focus on bioinformatics advancements. Bioinformatics tools are crucial in functional genomics, analysing gene expression and regulatory networks in microbial communities. Coupling metagenomics with bioinformatics allows for the exploration of entire microbial ecosystems, unveiling their functional potential and diversity. We welcome original research, review and methodological papers on bioinformatics applications in microbial research, microbial evolution genomics and epidemiological investigations in the microbial world.

### Guest Editor

Dr. Vagner Fonseca

Department of Exact and Earth Sciences, University of the State of Bahia, Salvador 41150-000, Brazil

### Deadline for manuscript submissions

closed (25 October 2024)

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## Genes

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## About the Journal

### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
Department of Pathology, The University of Alabama at Birmingham,  
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