



*genes*



an Open Access Journal by MDPI

## Genomics and Bioinformatics in Microbial Science

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:

**25 October 2024**

### Message from the Guest Editor

Dear Colleagues,

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.

Dr. Vagner Fonseca  
*Guest Editor*



[mdpi.com/si/199715](https://mdpi.com/si/199715)

# Special Issue



*genes*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Selvarangan Ponnazhagan**

Department of Pathology, The  
University of Alabama at  
Birmingham, 1825 University  
Blvd, SHEL 814, Birmingham, AL  
35294-2182, USA

## 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.

Why not consider *Genes* for your next genetics paper?

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

**Journal Rank:** JCR - Q2 (*Genetics & Heredity*) / CiteScore - Q2 (*Genetics*)

## Contact Us

*Genes* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/genes](http://mdpi.com/journal/genes)  
[genes@mdpi.com](mailto:genes@mdpi.com)  
[X@Genes\\_MDPI](https://twitter.com/Genes_MDPI)