



genes



an Open Access Journal by MDPI

Genetics and Genomics of Leishmania

Guest Editors:

Dr. Begoña Aguado

Centro de Biología Molecular Severo Ochoa (CSIC-UAM), Universidad Autónoma de Madrid, 28049 Madrid, Spain

Dr. Jose M. Requena

Centro de Biología Molecular Severo Ochoa (CSIC-UAM), Universidad Autónoma de Madrid, 28049 Madrid, Spain

Deadline for manuscript submissions:

closed (20 September 2022)

Message from the Guest Editors

Leishmania are well-known as causative agents of leishmaniasis, a group of diseases affecting millions of persons living in tropical and subtropical regions. There is currently no acceptable vaccine for humans, and our understanding of the *Leishmania* virulence factors responsible for these diseases is limited. Integrated research into the molecular biology of these pathogens is needed.

In the past fifteen years, great progress has been made in our understanding of *Leishmania*. The advent of high-throughput technologies has led to the accumulation of a massive amount of genomic data. Now, it is time to integrate this information together to decipher particularities in the molecular mechanisms and biosynthetic pathways of this parasite.

This Special Issue welcomes original research articles dealing with topics around the genetics, genomics, transcriptomics, and proteomics of *Leishmania* parasites, pathogen–host interactions, traits of drug resistance, phylogenetics, and evolution of these organisms. Additionally, review articles are welcome which cover the current literature and present a synthesis of our current knowledge of these pathogens.



mdpi.com/si/73437

Special Issue



genes



an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Selvarangan
Ponnazhagan**

Experimental Cancer
Therapeutics, The University of
Alabama at Birmingham, 1825
University Blvd., SHEL 814,
Birmingham, AL 35294-2182, USA

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?

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 and Heredity) / CiteScore - Q2 (Genetics (clinical))

Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)