



genes



an Open Access Journal by MDPI

Molecular Basis of Rare Diseases

Guest Editors:

Dr. Jair Tenorio

1. INGEMM—Institute of Medical and Molecular Genetics Hospital Universitario La Paz–IdiPAZ, 261-28046 Madrid, Spain

2. Center for Biomedical Research Network on Rare Diseases (CIBERER), ISCIII, 28029 Madrid, Spain

Dr. Pablo Lapunzina

INGEMM—Institute of Medical and Molecular Genetics Hospital Universitario La Paz – IdiPAZ, 261-28046 Madrid, Spain

Deadline for manuscript submissions:
closed (20 November 2022)

Message from the Guest Editors

Dear Colleagues,

We would like to invite you to participate in this Special Issue, “Molecular Basis of Rare Diseases”.

There are about 7000 known genetic-based diseases, many of them with a known molecular basis. However, there are still many pathologies whose molecular cause is not known or the mechanisms through which the disease manifests itself are poorly understood.

Knowing the molecular mechanisms through which genetic diseases manifest themselves is of tremendous interest for the diagnosis of individuals and the development of new targeted therapies.

The aim of this special volume is to present original papers and reviews on the molecular basis of genetic diseases, with special interest in those papers that present new genes and/or new molecular mechanisms associated with genetic diseases.

Dr. Jair Tenorio
Dr. Pablo Lapunzina
Guest Editors



mdpi.com/si/94530

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 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](#)