

Special Issue

microRNAs as Therapeutic Agents: From Basic Molecular Knowledge to Clinical Research

Message from the Guest Editors

This issue aims at exploring the functional basis of microRNAs (miRNAs) as therapeutic agents either through basic research studies or in an applied context by exploring physiological phenotypes and dissecting the methods used for in vitro and in vivo manipulation of a potential therapeutic miRNA.

In this issue of *Genes*, we aim at exploring basic mechanisms of miRNA-mediated modulation of gene expression and how this knowledge translates into clinical research namely, by exploring their use as therapeutic agents in diseases such as immune-related, diabetes, or cancer, among others.

- miRNA biology and function
- gene expression regulation
- miRNA manipulation
- miRNA-mediated therapy
- miRNA in disease

Guest Editors

Prof. Dr. Anita Q. Gomes

1. H&TRC Health & Technology Research Center, ESTeSL—Escola Superior de Tecnologia da Saúde, Instituto Politécnico de Lisboa, 1649-028, Lisboa, Portugal

2. Instituto de Medicina Molecular João Lobo Antunes, Faculdade de Medicina, Universidade de Lisboa, 1649-028 Lisboa, Portugal

Dr. Francisco J. Enguita

Faculdade de Medicina, Instituto de Medicina Molecular, Universidade de Lisboa, 1649-004 Lisboa, Portugal

Deadline for manuscript submissions

closed (15 December 2021)

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/65345

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



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?

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

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))