

Special Issue

Quest for Conserved RNAs in Viral Genomes

Message from the Guest Editor

Evolutionarily conserved RNAs and their mechanisms are actively investigated across all domains of life. Yet, our general knowledge of conserved, functional RNAs in viruses is restricted to a set of well-studied examples. Novel experimental techniques, together with the increased availability of cheap sequencing technologies, have leveraged the accessibility of viral (meta)genome data in the last couple of years. This has opened new perspectives for the comparative analysis of viral genomes, allowing us to better understand the evolutionary traits associated with functional RNAs, such as virus–host interaction, host range specificity, pathogenicity and immune escape, as well as virus origin. In the Special Issue ‘The Quest for Conserved RNAs in Viral Genomes’, we would like to bring together both experimental and theoretical research related to the study of evolutionarily conserved (structured and unstructured) RNAs in viruses. Original articles and reviews are welcome, ranging from the analysis of individual species to comparative screens of large-scale datasets.

Guest Editor

Dr. Michael T. Wolfinger

1. Department of Theoretical Chemistry, University of Vienna, 1090 Vienna, Austria
2. RNA Forecast, 1140 Vienna, Austria

Deadline for manuscript submissions

closed (30 June 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/36568

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))