

Special Issue

Non-canonical Splicing and Their Implications in Normal Physiology and Cancer

Message from the Guest Editors

We would like to invite you to participate in this Special Issue, “Non-canonical Splicing and Its Implications in Normal Physiology and Cancer”. With the advances of experimental and computational techniques, we now have an unprecedented view of RNA processing, revealing many previously unknown non-canonical splicing events. These include alternative splicing within a gene, circular RNAs resulting from back-splicing, chimeric RNAs due to intergenic splicing, etc. They represent new mechanisms to expand the functional genome, thus playing important roles in normal physiology. Nevertheless, the proportion of non-canonical splicing is still unclear, with more and more works in the literature supporting its involvement in the pathology of diseases. The purpose of this Special Issue is to host research and review papers on our molecular understanding of non-canonical splicing, their normal physiological roles, and their connection to diseases. New results, confirmatory results, and contradictory results will also be considered for publication.

Guest Editors

Dr. Hui Li

Department of Pathology, Department of Biochemistry and Molecular Genetics, University of Virginia, Charlottesville, VA 22901, USA

Prof. Dr. Fujun Qin

Academy of Medical Sciences, School of Medicine, Zhengzhou University, Zhengzhou, Henan 450002, China

Deadline for manuscript submissions

closed (30 July 2022)

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/100736

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))