

Special Issue

Calcium Signalling in Cancer

Message from the Guest Editor

The calcium ion (Ca^{2+}) is an intracellular second messenger involved in diverse cellular processes. Ca^{2+} is implicated in a variety of cancer-related processes including proliferation, angiogenesis, invasion, and metastasis. While the Ca^{2+} signal is ubiquitous, the proteins that control Ca^{2+} transport are highly specialized. The expression and/or activity of these proteins is frequently dysregulated in different types of cancers where they promote specific oncogenic processes. Understanding the role of these proteins in cancer provides critical information about cancer biology and may pave the way for the development of novel therapeutic approaches.

This Special Issue of *Genes* aims to present novel insights into the diverse roles of Ca^{2+} signaling and Ca^{2+} signal regulators in various types of cancer, as well as potential therapeutic and diagnostic opportunities this may provide. Contributions by experts in the field in the form of research papers and critical reviews are invited.

Guest Editor

Dr. Iman Azimi

School of Pharmacy and Pharmacology, University of Tasmania, Hobart, TAS, Australia

Deadline for manuscript submissions

closed (20 December 2020)

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/48486

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))