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Calcium Signalling in Cancer

Guest Editor:

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Deadline for manuscript
submissions:

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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.



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Special Issue



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Editor-in-Chief

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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.

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