

Special Issue

Signal Transduction Pathways Involved in Regulation of Normal and Tumour Cells

Message from the Guest Editor

The human body consists of approximately 100,000 billion cells, necessitating their well-orchestrated interaction to guarantee proper functionality. An important form of intercellular communication functions via signalling cues released in the microenvironment. Subsequently, the entire autocrine and paracrine information in the approximate surrounding is converted to a cellular response. Disturbances in the multilayered network of signal transduction harm the cellular adjustment and result in diseases like cancer. Malignancy-inducing alterations in cancer cells frequently affect the intensity and duration of the transduced signals within the cell by striking molecules either directly involved in receiving and processing information or fulfilling a function as inhibitory and regulatory constraints of these processes. In the Special Issue "Signal Transduction Pathways Involved in Regulation of Normal and Tumor Cells" we welcome manuscripts, either original work or review articles, focused on molecules or mechanisms involved in the transduction of signals.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2021)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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