



Signal Transduction Pathways Involved in Regulation of Normal and Tumour Cells

Guest Editor:

Dr. Hedwig Sutterlüty-Fall

Medical University of Vienna
Institute of Cancer Research,
Vienna, Austria

Deadline for manuscript
submissions:
closed (30 November 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

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, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI