



an Open Access Journal by MDPI

Notch Signaling Pathways

Guest Editor:

Dr. Marcia Bellon

Department of Pathology, Center for Viral Pathogenesis, University of Kansas Medical Center, Kansas City, KS 66160, USA

Deadline for manuscript submissions: **31 May 2024**

Message from the Guest Editor

Dear Colleagues,

Notch signal transduction is an evolutionarily conserved pathway in multicellular organisms. The Notch pathway mediates parallel cellular signaling, and through the ligand-receptor crosstalk, both signal-sending and receiving cells are affected, thereby regulating a series of cell fate decisions in neuronal, cardiac, immune and endocrine development processes. Indeed, the Notch pathway has become exceedingly complex, with canonical and noncanonical Notch signaling and crosstalk with various key cellular signaling pathways. Due to its role in disease and cancer, Notch signaling is an attractive target for therapeutic intervention.

This Special Issue aims to attract contributions on all aspects of the role of the Notch signaling pathway in the tumor microenvironment, neuronal, cardiac, immune and endocrine development processes. Emphasis will be placed on new research articles related to Notch therapeutics in disease and cancer, and the regulation of Notch signaling in tumor development and progression.

Specialsue



mdpi.com/si/193383





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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

International Journal of Molecular Sciences Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/ijms ijms@mdpi.com X@IJMS_MDPI