Special Issue

Medical Cannabis—From Molecular Mechanisms of Action to Evidence-Based Medicine

Message from the Guest Editor

This Special Issue will focus on new discoveries in the rapidly growing medical cannabis field.

Thus far, current medicine most often uses the cannabis plant and its products based on empirical evidence of its effectiveness. With the legalization of medical cannabis, a serious issue facing patients is: how will consumers know their products are safe and created with their health in mind?

Research into the mechanisms of action of cannabis, cannabinoids, and terpenes has picked up and shown a very significant translational potential. Of special interest is anti-inflammatory cannabidiol, and strains high in this compound. There is a growing body of mechanistic, molecular, and pre-clinical research that underlie the clinical potential of cannabis extracts and cannabinoids. Here, we will summarize the current pre-clinical, translational, and clinical research in the field of medical cannabis and the development of precision medicine cannabis approaches.

Scholars in the field from across the globe are invited to contribute papers.

Guest Editor

Prof. Dr. Olga Kovalchuk
Department of Biological Sciences, University of Lethbridge,
Lethbridge, AB, Canada

Deadline for manuscript submissions

closed (31 January 2021)



International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/55074

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

mdpi.com/journal/ ijms





International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





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.

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

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 (Organic Chemistry)

