

Special Issue

Cannabidiol: New Vistas of Its Molecular Mechanisms, Biological Effects and Therapeutic Application

Message from the Guest Editors

The hemp plant *Cannabis sativa* L. contains hundreds of constituents and dozens of cannabinoids. The first of the two major cannabinoids is Δ^9 -tetrahydrocannabinol, which is psychoactive and has a marked effect on the endocannabinoid system (e.g. on cannabinoid receptors). The second major cannabinoid, cannabidiol, is not psychoactive and has less pronounced effects on the endocannabinoid system; among others it possesses a marked direct anti-oxidant, an anti-apoptotic and an anti-inflammatory effect. This Special Issue will focus upon cannabidiol (and not include other cannabinoids or mixtures of cannabinoids), all the more since such an issue is missing.

Cannabidiol has recently been licensed both in the United States and in Europe for the treatment of the Dravet and Lennox-Gastaut syndromes, rare forms of childhood-onset epilepsies. The compound is also being considered for the treatment of other disorders although its molecular mechanisms and biological effects have not yet been fully elucidated. We are inviting colleagues interested in all aspects of cannabidiol to contribute to this Special Issue by submitting original papers, short communications or reviews.

Guest Editors

Prof. Dr. Barbara Malinowska

Prof. Dr. Eberhard Schlicker

Prof. Dr. Roger G Pertwee

Deadline for manuscript submissions

closed (31 December 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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

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