



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

Guest Editors:

Message from the Guest Editors

Prof. Dr. Barbara Malinowska

Department of Physiology and
Pathophysiology, Medical
University of Białystok, Białystok,
Poland

Prof. Dr. Eberhard Schlicker

Department of Pharmacology,
University of Bonn, Bonn,
Germany

Prof. Dr. Roger G Pertwee

School of Medicine, Medical
Sciences and Nutrition. Institute
of Medical Sciences, University of
Aberdeen, Aberdeen AB25 2ZD,
UK

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.

Deadline for manuscript
submissions:

closed (31 December 2020)





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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

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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