Special Issue

Non-Psychotropic Phytocannabinoids: A New Source of Drugs

Message from the Guest Editor

One of the most controversial and debated plants in history is *Cannabis sativa*. Human societies have considered *C. sativa* as a food, a medicine, and for religious purposes. All the virtues of *C. sativa* are due to the multitude of its chemical components, such as phytocannabinoids, terpenoids, flavonoids, and alkaloids, that have been extracted, purified, and tested in various preclinical models. *Trans*-Δ-9-tetrahydrocannabinol (D9-THC) is the phytocannabinoid responsible for the psychotropic effects of *C. sativa*, but in recent years, in many parts of the world, *C. sativa* cultivars called "light", which contain low levels of D9-THC and high levels of non-psychotropic phytocannabinoids such as cannabidiol (CBD), have been cultivated. This Special Issue will collect manuscripts on the biosynthetic, extractive, and analytical aspects of phytocannabinoids without psychotropic activity. Furthermore, particular interest will be given to the potential therapeutic applications of new characterized phytocannabinoids.

Guest Editor

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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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