

Special Issue

Metabolism and the Biological Functions of Oxylipins

Message from the Guest Editor

In plants and animals, oxidized lipids, called oxylipins, play important roles in regulating physiological functions. These natural chemical mediators are notably involved in host defense, cell to cell communication, the regulation of cellular stresses and more. Given their strong biological action, the level of oxylipins in an organism is tightly regulated by both their formation and destruction. Thus, understanding their metabolism is as important as understanding their mode of action, because the metabolic proteins involved could be a target for pharmaceutical action. This Special Issue will focus on both basic science and translational research related to the metabolism of oxylipins, as well as their biological function, and how intervention targeting these pathways can resolve diseases.

Guest Editor

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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.

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