



## Applications of Melatonin in Health and Medicinal Chemistry

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submissions:

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### Message from the Guest Editor

The editorial board of *Molecules* (IF: 4.927, ISSN 1420-3049) invites you to submit an article or review to a Special Issue entitled "Applications of Melatonin in Health and Medicinal Chemistry".

Melatonin is an indole produced and secreted into the blood by the pineal gland in mammals. Recently, melatonin and the enzymes involved in its production have been shown to be present in numerous other tissues. Both pineal and extraspinal melatonin collaborate in the conservation of homeostasis, protecting tissues against multiple injuries and diseases.

This Special Issue aims to publish original research papers and reviews on melatonin, its antioxidant, anti-inflammatory roles, and the beneficial therapeutic implications of this indoleamine in human diseases.





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## Message from the Editor-in-Chief

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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