

Could melatonin be the key to healthy aging?

10 January 2018

A new *British Journal of Pharmacology* review highlights the role of melatonin—a hormone that is produced at night—in regulating sleep and the body's biological, or circadian, clock. Research suggests that melatonin treatments may even help to improve the restorative value of sleep and to promote healthy physical and mental aging.

The review notes that, with age and certain diseases, the robustness of the circadian system decreases and [melatonin](#) production is diminished or shifted.

"Deviant circadian rhythms and poor sleep quality are associated with increased risks of cardiovascular, metabolic, and cognitive diseases, as well poor quality of life and increased risks of [premature death](#)," said Dr. Nava Zisapel, of Tel Aviv University, in Israel.

More information: *British Journal of Pharmacology* (2018). [DOI: 10.1111/bph.14116](https://doi.org/10.1111/bph.14116)

Provided by Wiley

APA citation: Could melatonin be the key to healthy aging? (2018, January 10) retrieved 13 April 2021 from <https://medicalxpress.com/news/2018-01-melatonin-key-healthy-aging.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.