

Special Issue

Sleep Disordered Breathing and Related Comorbidities: From Bench to Beside

Message from the Guest Editors

Obstructive sleep apnea (OSA) is a common disease that can lead to serious health problems such as hypertension, diabetes mellitus, dyslipidemia, and neurocognitive dysfunction, and affects 2–4% of the global adult population. It is characterized by intermittent hypoxia and frequent arousals due to the repetitive collapse of the upper airway during sleep. These physiological properties lead to the activation and propagation of oxidative stress, inflammation, and sympathetic hyperactivity. Due to the lack of experimental models that can mimic OSA, the underlying mechanisms linking OSA and comorbidities are not clearly elucidated. However, advances in molecular and biological technologies have made it possible to better understand the pathophysiological phenomena of OSA-related diseases. In this Special Issue, we will cover recent outstanding findings regarding treatment strategies, biomarkers, pathophysiological mechanisms of diseases associated with OSA, important clinical and epidemiological results, and big data analysis. This integrated approach is expected to provide readers with a better understanding of the pathophysiologic consequences of OSA from bench to bedside.

Guest Editors

Dr. Jinkwan Kim

Department of Biomedical Laboratory Science, Jungwon University 85, Munmu-ro, Goesan-eup, Goesan-gun 28204, Chungbuk, Republic of Korea

Dr. Dae-Wui Yoon

Department of Biomedical Laboratory Science, Jungwon University, 85, Munmu-ro, Goesan-eup, Goesan-gun, Chungbuk 28204, Republic of Korea

Deadline for manuscript submissions

closed (25 December 2022)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/117627

Life

Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

mdpi.com/journal/

[life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)