

Special Issue

Microgravity, Cell Shape and Gene Expression: State of the Art, Challenges and Prospects

Message from the Guest Editor

It is anticipated that more humans will spend time in space in the future, and that the duration of stay will become longer. For this reason, the field of space medicine, which studies how the space environment affects the human body in the long term, is becoming even more important. This Special Issue focuses on research on the effects of the space environment on living organisms. Space medical research includes not only space experiments but also analog experiments that simulate the space environment. Therefore, this Special Issue covers a wide range of research examining physiological mechanisms and gene expression in organisms and living beings both during space stays and through ground-based research. We welcome you to submit research on these topics.

Guest Editor

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Deadline for manuscript submissions

closed (20 March 2026)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/231985

*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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