

Special Issue

The Functional Landscape of p53

Message from the Guest Editors

Mechanistically, p53 acts as a transcription factor, coordinating expression of downstream target programs in a context-specific manner, but also steers cellular responses through protein-protein interaction networks. This functional diversity places p53 square in the centre of various physiological and pathological processes way beyond tumor suppression. In this special issue, we want to solicit research and review articles, exemplary of the broad functional landscape of p53. We welcome submissions that pinpoint cutting-edge questions in the area of p53 biology, including the regulation of p53 activity, context-specific p53 signaling and/or novel roles of p53 in health and disease. Results coming from (multi)-omics approaches are particularly encouraged.

Guest Editors

Dr. Andreas Prokesch

Department of Cell Biology, Histology, and Embryology, Gottfried Schatz Research Center for Cell Signaling, Metabolism, and Aging, Medical University of Graz, Graz, Austria

Dr. Jelena Krstic

Department of Cell Biology, Histology and Embryology, Gottfried Schatz Research Center for Cell Signaling, Metabolism & Aging, Medical University of Graz, Graz, Austria

Deadline for manuscript submissions

closed (31 August 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/82217

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, 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, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)