

Special Issue

Genome Stability in Visual Sciences

Message from the Guest Editor

Genetic information is stored in the base-pairing of double stranded DNA. However, the genome of all living organisms is under constant threat from extrinsic mutagens, such as γ -irradiation, or intrinsic problems of DNA metabolism, such as DNA replication fork collapse. The roles of genome stability have been mainly studied in cancer biology in the past. Recently, genome stability has been identified associating with many eye diseases. This issue will focus on genome stability in ophthalmology and visual sciences. We seek high quality manuscripts describing the role of genomic alterations in mediating the initiation, progression and treatment responses in various eye diseases. We specifically encourage the submission of manuscripts presenting innovative approaches exploiting the genome stability concept in an attempt to identify novel strategies to improve the visual outcome. Keywords:

- ophthalmology
- visual sciences
- genome stability
- DNA metabolism
- eye diseases
- genomic alterations

Guest Editor

Dr. Wai Kit Chu

Department of Ophthalmology and Visual Sciences, The Chinese University of Hong Kong, Hong Kong 999077, China

Deadline for manuscript submissions

closed (30 April 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/97359

*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*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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