

Special Issue

Diseases of the Eye and Adnexa: From Cellular and Molecular Mechanisms to Novel Therapeutic Approaches

Message from the Guest Editor

This Special Issue of *IJMS* is welcoming submissions that would provide new insights into the molecular aspects of physiology and biochemistry of the eye and adnexa, including the ocular surface, cornea, retina, conjunctiva, meibomian and lacrimal glands, and other ocular structures in the norm and pathology. We are especially interested in experimental papers and review articles that would describe novel findings and hypotheses with regard to the mechanisms of the onset of life-threatening and/or debilitating ocular diseases and pathologies on a molecular level, and, eventually, lead to more effective treatments of those conditions. More often than not, the molecular bases of rare and/or multifactorial diseases are insufficiently studied and poorly understood, which impedes the development of proper treatments and represents a major challenge for health professionals and scientists alike. Obtaining and discussing new information on the molecular mechanisms of these diseases and pathologies, using cell and animal models, as well as human volunteers, would be an important step toward finding cures for those conditions.

Guest Editor

Dr. Igor A. Butovich

Department of Ophthalmology, and the Graduate School of Biomedical Sciences, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX 75390-9057, USA

Deadline for manuscript submissions

closed (31 December 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/137893

*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)