

Special Issue

Inherited Retinal Diseases

Message from the Guest Editors

Inherited retinal diseases (IRDs), which are among the most common genetic diseases in humans, define a clinically and genetically heterogeneous group of disorders that cause visual loss due to improper development, improper function, or premature death of the retinal photoreceptors. IRDs are distinguished by several factors, including the type and location of affected cells and the timing of disease onset. However, these heterogeneous clinical entities lie along a spectrum, and in some cases, the diagnostic boundaries between them are not distinct. Over 260 genes have been implicated in IRDs. However, the contribution of each of these genes to the overall prevalence of the disease is relatively small, and for many of them, pathogenic mutations have been reported in only a few families worldwide. This Special Issue will focus on IRD clinical genetics, molecular genetics, diagnosis, bioinformatics, and functional studies, among other topics.

Guest Editors

Prof. Dr. Tamar Ben-Yosef

Technion—Israel Institute of Technology, Haifa, Israel

Dr. Susanne Roosing

Department of Human Genetics, Radboud University Medical Center, 6525 GA Nijmegen, The Netherlands

Deadline for manuscript submissions

closed (22 March 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/58136

*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)