International Journal of
Molecular Sciences

IMPACT FACTOR 4.9 | Indexed in: PubMed | CITESCORE 8.1

an Open Access Journal by MDPI

Inherited Retinal Diseases: How Can We Move Forward in Understanding and Treating Them

Guest Editors:

Prof. Dr. Isabelle Audo
INSERM, CNRS, Institut de la Vision, Sorbonne Université, F-75012 Paris, France

Dr. Christina Zeitz
INSERM, CNRS, Institut de la Vision, Sorbonne Université, F-75012 Paris, France

Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editors

Dear Colleagues,

The past decades have seen significant developments in inherited retinal diseases (IRD), with the advent of next generation sequencing, as well as innovative therapies. Nevertheless, despite this progress, the genetic defect is still missing in about 30% of non-syndromic IRD, even with comprehensive testing, including classical linkage analyses, positional cloning, candidate gene, and Sanger sequencing approaches or, more recently, targeted next generation sequencing, whole exome (WES), or whole genome sequencing (WGS). In the future, efforts should be made to identify these missing defects, to provide accurate genetic counseling and disease prognosis, and to prepare patients for therapeutic trials, but also to improve our basic understanding of retinal physiology. In this Special Issue, we welcome original research or review articles related to gene identification, functional studies to validate pathogenic mechanisms, and comprehensive phenotype–genotype correlations underlying inherited retina disorders.

Dr. Isabelle Audo
Dr. Christina Zeitz
Guest Editors

International Journal of
Molecular Sciences

IMPACT FACTOR 4.9 | Indexed in: PubMed | CITESCORE 8.1

an Open Access Journal by MDPI

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

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.

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 (Inorganic Chemistry)

Contact Us

International Journal of Molecular Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
𝕏@IJMS_MDPI