

Special Issue

Retinal Degeneration: From Pathophysiology to Therapeutic Approaches

Message from the Guest Editor

A first retinal gene therapy medicine has recently been approved by regulatory agencies and other studies are ongoing in the clinic, but there are many more retinal disease genes without an available medicine. The retina is well accessible for gene therapy and transplantation of retinal cells. Neural retina and retinal pigment epithelium (RPE) can be generated from induced pluripotent stem cells (hiPSC) and used for pre-clinical studies. This issue of the International Journal of Molecular Sciences will focus on recent insight in “Retinal Degeneration: From Pathophysiology to Therapeutic Approach”, including new insights into the hereditary disease, human and animal retinal pathology due to gene mutations, retinal inflammation, retinal gene therapy, hiPSC-derived neural retina and RPE, pre-clinical gene therapy, animal models for hereditary retinal dystrophy, retinal imaging, and submissions dealing with these topics are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/23392

*International Journal of
Molecular Sciences*
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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.

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