

## Special Issue

# Retinal Degeneration and Protection

### Message from the Guest Editor

The numbers of patients with visual impairment and blindness continue to rise year after year. As the top ranking diseases to lead to blindness, glaucoma, age-related macular degeneration (AMD), and retinitis pigmentosa (RP) are identified. There are variety of neurons in the retina and the visual impairment occurs even one type of neuron is degenerated. Numerous researches that investigated the mechanisms of retinal degeneration induced by diseases have contributed to develop the new types of therapies such as gene therapies and cell transplantation therapies. Therefore, the understanding of the diverse signalling molecules and signal transduction pathways of retinal degenerations is fundamental for developing therapies. The scope of the special issue is to summarize and enlarge the knowledge of mechanisms in retinal degeneration and protection. Topics include, but are not limited to:

- New aspects of the mechanisms in retinal degenerative diseases
- Techniques for the analysis and identification of retinal diseases
- Evaluations of new treatments in animal studies

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### Guest Editor

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### Deadline for manuscript submissions

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## 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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### Editor-in-Chief

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