



## Retinal Degeneration and Protection

Guest Editor:

**Prof. Dr. Hiroshi Tomita**

Laboratory of Visual  
Neuroscience, Graduate Course  
in Biological Sciences, Division of  
Science and Engineering, Iwate  
University, 4-3-5 Ueda, Morioka  
020-8551, Iwate, Japan

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### Message from the Guest Editor

Dear Colleagues,

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

Prof. Hiroshi Tomita  
*Guest Editor*





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## 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

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*International Journal of Molecular  
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MDPI, St. Alban-Anlage 66  
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