

Special Issue

Molecular Mechanism in Retinal Diseases

Message from the Guest Editors

Vision formation relies heavily on the retina; however, light-sensitive tissue damage tends to cause retinal diseases such as retinal degeneration, retinal detachment, and diabetic retinopathy. Though efforts have been made to address these problems, the therapeutic options for many retinal diseases are still limited. Therefore, better understanding of the underlying mechanisms would greatly benefit future treatment development. Based on the essential character of the mitochondrion, the regulation of mitochondrion-associated cell death might have enormous therapeutic potential in various retinal diseases. Although the implications of mitochondrion-associated cell death have been addressed in various diseases, its role and use as a therapeutic target in retinal diseases are still poorly understood. This Special Issue focuses on the molecular mechanisms of retinal diseases, including the contribution of mitochondrion-associated cell death to pathology. Manuscripts presenting other molecular mechanisms and therapeutic interventions and strategies for retinal diseases are also welcome.

Guest Editors

Dr. Ming Yang

Prof. Dr. Ching-Lung Lai

Dr. Michael Zhipeng Yan

Deadline for manuscript submissions

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Biomedicines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomedicines@mdpi.com

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

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