

Special Issue

Molecular Mechanisms and Novel Therapeutic Approaches for Eye Diseases

Message from the Guest Editor

This Special Issue, “Molecular Mechanisms and Novel Therapeutic Approaches for Eye Diseases”, will cover a selection of recent research topics, preclinical studies, experimental studies, and current review articles related to the pathomechanisms, etiopathological pathways and management of eye disease, with a special emphasis on ocular surface disease. It will also include papers exploring potential treatment measures to attenuate both anterior and posterior eye disease. Apart from inflammation, understanding several key factors in the pathogenesis of eye diseases (e.g., oxidative stress, neurodegeneration, and neovascularization) open doors to novel therapeutic approaches. The molecular bases of many ophthalmic diseases are often not known, especially for multifactorial diseases. This challenge serves as roadblock in the development of novel therapeutic agents, and represents a major challenge for eye care practitioners.

Guest Editor

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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.

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