

Special Issue

Cellular and Molecular Insights into Ocular Changes Associated with Systemic Disorders and Conditions

Message from the Guest Editors

The relationship between ocular alterations and systemic diseases has recently gained significant attention. The eye offers a unique opportunity for the direct, in vivo observation of the neurosensory and microvascular systems. Numerous systemic diseases have ocular manifestations such as diabetes mellitus, neurodegenerative, psychiatric, cardiovascular, endocrinological, etc. Additionally, pregnancy, various genetic syndromes, as well as certain medications and medical treatments may potentially induce ocular changes. In some cases, the ocular findings may be the initial manifestation of the systemic disease preceding the appearance of systemic symptoms. Given the significance of ocular changes as potential biomarkers for systemic diseases, it is essential for medical specialists and interdisciplinary researchers to comprehend the interrelationships between ocular findings and systemic diseases and conditions. This Special Issue encompasses research that provides new insights into cellular and molecular mechanisms, focusing on the latest advancements in understanding ocular pathology and its associations with various systemic conditions.

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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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