

Special Issue

Emerging OMICS Approaches to Studying the Eye in the Norm and Pathology

Message from the Guest Editor

This Special Issue of *IJMS* is seeking articles that would provide new insights into the molecular aspects of physiology and biochemistry of the eye and adnexa, from an OMICS point of view. Submissions with an emphasis on emerging approaches, such as genomics, metabolomics/metabonomics, proteomics, lipidomics, and glycomics are welcome. The Special Issue will aim to present a broad view of the ocular surface, conjunctiva, cornea, retina, eyelids, meibomian and lacrimal glands, and other ocular structures in the norm and pathology. The molecular bases of diseases are often poorly understood, and so are the effects of aging, gender, diet, pharmaceutical intervention, etc. Obtaining and discussing new information on the molecular mechanisms of these processes, and the molecular differences between metabolomes, proteomes, lipidomes, and glycomes of healthy tissues, organs, and secretions, and those of patients with ocular pathologies, would be an important step toward finding cures for those conditions.

Guest Editor

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About the Journal

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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