



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

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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.





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Message from the Editor-in-Chief

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