



Mechanisms of Dry Eye Diseases

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Message from the Guest Editors

Dry eye is one of the most prevalent diseases affecting tens of millions worldwide, and it is among the most common reasons to seek eye care. Clinically, patients often report ocular discomfort or pain and decreased functional vision. More severe cases may develop sight-threatening corneal complications. Dry eye disease is a multifactorial disease that destabilizes the tear film and causes epithelial disease and inflammation. Although our understanding of the pathological mechanisms has increased in the past 20 years, there is still much to discover about mechanisms causing inflammation, glandular and mucosal disease, and tear instability.

In this Special Issue, we are seeking articles that provide new insights into the underlying mechanisms of dry eye disease, including molecular and cellular mechanisms involved in the initiation and perpetuation of inflammation and epithelial disease, new diagnostic tools/biomarkers, and new therapies and treatment options. We are looking for both clinical and preclinical studies with an emphasis on molecular biology; animal models of disease are encouraged.





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Message from the Editor-in-Chief

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