

## Special Issue

# Biomarkers of Ocular Allergy and Dry Eye Disease

### Message from the Guest Editor

Dry eye disease (DED) is a heterogeneous disease that can present with a variety of symptoms and signs. Underlying this heterogeneity is a complex pathophysiology which can include both tear and nerve abnormalities. Furthermore, DED can occur as an isolated phenomenon or secondary to a systemic disorder, such as Sjögren's syndrome or graft versus host disease. Ocular allergy is likewise heterogeneous, and can occur in a seasonal or perennial pattern. Its pathophysiology can involve abnormalities in soluble and/or cellular components of the immune system. Like DED, it can be isolated to the ocular surface or associated with systemic conditions such as atopic dermatitis or asthma. Given these complexities, prognostic and diagnostic biomarkers are needed for both DED and ocular allergy to identify disease contributors that can be manipulated to deliver precision therapy to patients. This Special Issue will focus on this need and include original papers and reviews that discuss the state of the art of biomarkers for these two common ocular surface disorders.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2024)



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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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