# Special Issue

# Neuroprotective Strategies for Dry Eye Disease

### Message from the Guest Editor

Dry eye is defined as the "multifactorial of the ocular surface characterized by a loss of homeostasis of the tear film instability and hyperosmolarity, ocular surface inflammation and damage, and neurosensory abnormalities play etiological roles". Much interest has centered around dry eve disease in the past few years. and it is estimated that over 16 million adults in the USA alone suffer from dry eye disease. Neurotrophic factors are secreted by abundant nerve fibers, which are important for the maintenance and repair of cornea. In recent decades, the role of neuropeptides has been elucidated in the pathophysiology of diseases. It is considered that decreased corneal nerve fiber density after corneal injury contributes to the delayed repair effect because of the loss of trophic influences. In this Special Issue of Healthcare, we are seeking articles that provide new insights into the understanding of the neurochemistry, trophic factors and therapeutic potential for treatments including molecular and cellular mechanisms involved in the initiation and perpetuation of inflammation.

### **Guest Editor**

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### **Deadline for manuscript submissions**

closed (31 May 2022)



## Healthcare

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Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special

We would be pleased to welcome you as one of our authors.

### Editor-in-Chief

issues.

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