

Special Issue

Artificial Intelligence Application in Cornea and External Diseases

Message from the Guest Editors

AI has attracted the attention of diverse medical disciplines. It has exhibited promise in enhancing the efficiency of healthcare. Moreover, it has the potential to decrease the reliance on expensive diagnostic tools and personnel, facilitating improved healthcare delivery.

Within the realm of ophthalmology, AI has proven to possess diagnostic precision akin to that of medical professionals in identifying conditions such as macular degeneration, glaucoma, and diabetic retinopathy. However, there is still a need for expanded research and development in the areas of the cornea and anterior segment. Scientific teams worldwide have evaluated the effectiveness of AI algorithms in diagnosing various diseases of the anterior segment of the eye. In this Special Issue, we aim to cover the latest innovations and advancements in the application of AI in the diagnosis, monitoring, and management of cornea and ocular surface conditions.

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Deadline for manuscript submissions

30 September 2025



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/204500

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