

Special Issue

Clinically Integrated AI for Corneal and Ocular Surface Disease

Message from the Guest Editor

This Special Issue is dedicated to the advancement of clinically integrated artificial intelligence (AI) for diagnosing and managing corneal and ocular surface diseases. It moves beyond theoretical algorithms to focus on practical applications that can be seamlessly incorporated into ophthalmic practice. We hope to cover the development of AI models for detecting a wide range of conditions, from infectious keratitis and dry eye disease to corneal dystrophies and refractive surgery complications. A significant emphasis is placed on the use of multimodal data, integrating inputs from slit-lamp images, anterior segment OCT, and in vivo confocal microscopy to enhance diagnostic accuracy and prognostic prediction.

Guest Editor

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