

Special Issue

Corneal Transplantation: Recent Advances and Current Perspectives

Message from the Guest Editors

Corneal diseases are one of the leading causes of blindness globally. The standard treatment of care includes corneal transplantation. However, keratoplasties rely majorly on donor tissues, which unfortunately are in limited supply, restricting treatment options. Although the burden on the availability of the donor tissues has been minimized with recent advances in keratoplasty techniques, modern devices, and alternative options such as cultured cell transplantation, the requirement is still high to treat corneal diseases globally. Alternative options in advancing the field of corneal transplantation are underway. Hence, this Special Issue aims to look the future of corneal transplantation, and authors are encouraged to submit articles related to a) advanced corneal transplantation techniques; b) inclusion of artificial intelligence for diagnosis and outcome predictions; c) cultured cells or tissue engineering; d) artificial cornea; e) modern day devices; f) robotics in eye surgery; g) modern eye banking; f) imaging; and g) healthcare economics in keratoplasty.

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Deadline for manuscript submissions

closed (15 April 2025)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/150806

Journal of Clinical Medicine
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