

## Special Issue

# Clinical Implications of Pupil Function: Optical Quality, Visual Performance, and Neurological Biomarkers

### Message from the Guest Editors

This Special Issue will explore the clinical implications of pupil function across a range of diagnostic, pharmacological, and surgical applications. Topics of interest include the effect of pupil size on visual quality and acuity; optimization of multifocal and small-aperture IOLs; surgical outcomes influenced by pupil dynamics; pharmacologic modulation of the pupil; pupillometry in disease detection; and age-related changes in iris biomechanics. We welcome original research, reviews, and clinical studies from ophthalmology, optometry, neuro-ophthalmology, and vision science. By bridging optical mechanisms with translational and clinical practice, this Special Issue will highlight how understanding and managing pupil behavior can enhance both visual outcomes and systemic health assessment.

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### Guest Editors

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### Deadline for manuscript submissions

20 October 2026



## Journal of Clinical & Translational Ophthalmology

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## About the Journal

### Message from the Editor-in-Chief

The primary objective of the *Journal of Clinical & Translational Ophthalmology (JCTO)* (ISSN 2813-1053) is to establish a forum that allows the basic science researcher to gain insight into current clinically relevant questions, while simultaneously providing clinicians with a better understanding of the underlying pathophysiology of the clinical presentations that they experience on a first-hand basis.

We look forward to publishing highinterest, peer-reviewed manuscripts covering a wide range of ophthalmic conditions, including original research papers, review articles, short communications, case studies, and commentaries. It is the intention of the Journal to encourage a robust response from the readership as it relates to these contemporary topics in order to provide a more dynamic experience that will undoubtedly contribute to the translational mission of the Journal.

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### Editor-in-Chief

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