

## Special Issue

# Advances in Binocular Vision Assessment and Management: From Anomalies to Oculomotor Norms

### Message from the Guest Editor

Binocular vision is at the heart of how we perceive the world. It allows us to integrate two images into a unified perception, supporting depth judgment, coordination, and daily tasks. When disrupted, anomalies affect visual performance and can influence learning, behavior, and well-being. Advances are transforming how these conditions are understood and managed.

This Issue invites researchers and clinicians to contribute findings on binocular vision assessment and management. We are interested in studies exploring anomalies to normative oculomotor behaviors.

Submissions include research, trials, and reviews.

Topics include new diagnostic strategies; advances in vergence, accommodation, and eye movement control; the role of anomalies in daily function; and outcomes of therapies. We encourage contributions showcasing innovative tools like eye-tracking, VR/AR, AI, and neuroimaging.

This aims to inspire insights and collaboration to advance knowledge for better diagnostics, treatments, and patient lives.

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### Guest Editor

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### Deadline for manuscript submissions

30 April 2026



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