

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.

Guest Editor

Dr. Mario Cantó-Cerdán

1. Vissum Miranza Alicante, 03016 Alicante, Spain
2. Grupo de Investigación en Optometría GIOptom, University of Alicante, 03690 Alicante, Spain

Deadline for manuscript submissions

closed (30 April 2026)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/253207

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

[mdpi.com/journal/
life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)