

## Special Issue

# Metabolic Eye Diseases: From Tomography to Clinical Prediction

### Message from the Guest Editors

This Special Issue aims to explore the intricate relationship between metabolic pathways and ocular health, shedding light on how metabolic dysregulation contributes to disease onset, progression, and clinical outcomes. We invite researchers to contribute original studies and reviews focusing on novel diagnostic approaches, imaging biomarkers, artificial intelligence-driven predictive models, as well as translational insights into metabolic eye diseases. Topics of interest include, but are not limited to, diabetic retinopathy, mitochondrial optic neuropathies, metabolic-related macular degeneration, inherited metabolic disorders affecting vision, and corneal manifestations of metabolic diseases. Corneal involvement in metabolic disorders, such as cystinosis, mucopolysaccharidoses, and Schnyder corneal dystrophy, highlights the diverse ways in which metabolic dysfunctions can impact ocular structures. By integrating cutting-edge tomography techniques with clinical prediction models, this Special Issue seeks to bridge the gap between fundamental research and real-world clinical applications.

### Guest Editors

Dr. Akio Oishi

Department of Ophthalmology, Nagasaki University, Nagasaki 852-8102, Japan

Dr. Nilufer Yesilirmak

1. Department of Ophthalmology, Ankara Yildirim Beyazit University, Ankara, Turkey

2. Department of Ophthalmology, Cochin Hospital, Université Paris-Cité, Assistance Publique-Hôpitaux de Paris, Paris, France

### Deadline for manuscript submissions

31 October 2025



## Life

an Open Access Journal  
by MDPI

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/236601](https://mdpi.com/si/236601)

*Life*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

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