

## Special Issue

# State-of-the-Art Eye Disease Research and Treatment in Japan

### Message from the Guest Editor

Recent breakthroughs in imaging technology, such as advanced microscopy and optical coherence tomography, coupled with comprehensive cell-based molecular biological analysis using next-generation sequencing, have significantly advanced our understanding of the underlying mechanisms of ocular diseases. These technological advancements have revolutionized the field of ophthalmology, leading to rapid changes in diagnostic and therapeutic approaches for a wide range of eye conditions. This Special Issue compiles cutting-edge research from Japan, focusing on innovative techniques and strategies for the early detection, accurate diagnosis, and effective treatment of various eye diseases, including age-related macular degeneration, diabetic retinopathy, glaucoma, and uveitis.

- ocular diseases
- age-related macular degeneration
- diabetic retinopathy
- glaucoma
- uveitis

---

### Guest Editor

Prof. Dr. Masaru Takeuchi

Department of Ophthalmology, National Defense Medical College,  
Saitama 359-8513, Japan

---

### Deadline for manuscript submissions

closed (30 June 2025)



## Biomedicines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 6.8  
Indexed in PubMed



[mdpi.com/si/225765](https://mdpi.com/si/225765)

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

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





# Biomedicines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.9  
CiteScore 6.8  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

---

### Editor-in-Chief

Prof. Dr. Felipe Fregni

1. Neuromodulation Center and Center for Clinical Research Learning, Spaulding Rehabilitation Hospital and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02114, USA
2. Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston, MA 02115, USA

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Medicine (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).