

Special Issue

Vision and the Immune System

Message from the Guest Editor

Evidence has been mounting that vision and immune functions are interconnected systems within the human body in general, not just involving rhodopsin. On the one hand, the immune system safeguards the eyes from infections but also contributes to allergies, autoimmune disorders, and the degeneration of the retina in diseases such as diabetic retinopathy and retinitis pigmentosa. While the retina can attract immune cells, it also produces them. Understanding these systems' relationships is essential for maintaining eye health and overall well-being. We would like to invite review and original contributions aimed at delineating these interconnections. Given the interdisciplinary nature of this topic, submitted papers may also be focused on areas of research and/or methodologies that may be applicable to address the topic, even if they have not yet been applied.

Guest Editor

Prof. Dr. Judith Klein-Seetharaman

1. School of Molecular Sciences, Arizona State University, Phoenix, AZ 85004, USA

2. College of Health Solutions, Arizona State University, Phoenix, AZ 85004, USA

Deadline for manuscript submissions

closed (31 January 2025)



Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/177872

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

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





Biology

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 7.4
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology Institute, University of Valencia and CSIC, 46980 Valencia, Spain

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.4 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the first half of 2025).