

## Special Issue

# Retinal Diseases: Molecular Mechanisms and Therapies

### Message from the Guest Editors

Retinal diseases are an important cause of ocular morbidity and visual impairment globally. In developed countries, retinal diseases are the most common cause of irreversible blindness, and in developing countries retinal diseases are the second most common cause of blindness after cataract. Covering age-related retinal diseases to inherited retinal diseases, in this Special Issue we aim to provide a thorough understanding of the molecular mechanisms governing retinal diseases, offering insights that pave the way for innovative treatment strategies. From the molecular pathways involved in disease progression to the latest therapeutic advancements, this Special Issue will serve as a valuable resource for researchers, clinicians, and healthcare professionals seeking a deeper comprehension of retinal disorders.

### Guest Editors

**Dr. Ana Raquel Santiago**

Coimbra Institute for Clinical and Biomedical Research (ICBR), Faculty of Medicine, University of Coimbra, Coimbra, Portugal

**Dr. Raquel Boia**

Coimbra Institute for Clinical and Biomedical Research (ICBR), Faculty of Medicine, University of Coimbra, Coimbra, Portugal

### Deadline for manuscript submissions

31 January 2026



## Biomolecules

---

an Open Access Journal  
by MDPI

---

**Impact Factor 4.8**  
**CiteScore 9.2**  
**Indexed in PubMed**



[mdpi.com/si/194691](https://mdpi.com/si/194691)

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

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





# Biomolecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 9.2  
Indexed in PubMed



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



## About the Journal

### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

---

### Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

---

### 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, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Biochemistry)