

## Special Issue

# Advances in Molecular Understanding of Ocular Adnexal Disease

### Message from the Guest Editor

Many advances have recently been made in the molecular understanding lymphoma, melanoma, squamous carcinoma and sebaceous carcinoma; however, whether there are special molecular–genetic or epigenetic features of tumors particular to this region is, as yet, insufficiently certain. Dry eye disease and degenerations like pterygia/pinguecula also have proven to be driven by different molecular processes that may show overlap with pathways described in neoplasms. Therefore, detailed information on chromosomal aberrations, gene fusions, mutations and epigenetics (such as microRNA, long-non-coding RNA and methylation profiling) may offer important new insights. This Special Issue invites authors to submit comprehensive molecular biological work that aims to elucidate the molecular and epigenetic mechanisms operable in diseases of the ocular adnexa. As rare as these may be, a better understanding of their molecular genetic bases and epigenetics is essential for improving the diagnosis and treatment of patients. **Keywords:**

- ocular adnexa
- neoplasm
- carcinoma
- melanoma
- lymphoma
- degeneration
- inflammation

---

### Guest Editor

Dr. Robert M. Verdijk

1. Department of Pathology, Leiden University Medical Center, 2300 RC Leiden, The Netherlands
2. Department of Pathology, Section Ophthalmic Pathology, Erasmus MC University Medical Center, 3000 CA Rotterdam, The Netherlands

---

### Deadline for manuscript submissions

closed (15 March 2024)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 10.0  
Indexed in PubMed



[mdpi.com/si/113758](https://mdpi.com/si/113758)

*International Journal of  
Molecular Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 10.0  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

---

### Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, 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, MEDLINE, Embase, CAPus / SciFinder, and other databases.

#### Journal Rank:

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