

Special Issue

Advances in Molecular Biology and Treatment of Thymic Epithelial Tumors

Message from the Guest Editor

Thymic epithelial tumors are considered the most common neoplasms of the thymus gland, representing, however, an extremely rare and heterogeneous type of tumor. They derive from the epithelial cells of the thymus gland and are broadly classified into thymomas and thymic carcinomas. The current first-line therapeutic approach for patients with early-stage thymic epithelial tumors is surgical resection. For patients with advanced-stage or incomplete resected tumors, there is a necessity for adjuvant therapy, currently consisting mostly of platinum-based chemotherapy. In this context, unraveling the molecular background of tumorigenesis in thymic epithelial neoplasms, allowing the identification of potential key targets for the development of new therapies, is of major importance. This Special Issue aims to highlight the recent advances in molecular biology of this rare type of neoplasm in an effort to shed light on the biological mechanisms involved in the development and progression of thymic epithelial tumors, as well as to recognize potential novel targets of therapy.

Guest Editor

Prof. Dr. Georgia Levidou

Department of Pathology, Nuremberg Clinic, Paracelsus Medical University, 90419 Nuremberg, Germany

Deadline for manuscript submissions

closed (20 September 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/140261

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 9.0
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 (Organic Chemistry)