



## **Advances in Molecular Biology and Treatment of Thymic Epithelial Tumors**

Guest Editor:

**Dr. Georgia Levidou**

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

Deadline for manuscript  
submissions:

**20 September 2024**

### **Message from the Guest Editor**

Dear Colleagues,

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.





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Maurizio Battino**

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

## 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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI