

## Special Issue

# The World of Transglutaminases: From Basic Biological and Medical Research to Applied Sciences

### Message from the Guest Editors

The aim of this Special Issue is to collect original and review articles on all aspects of research on the transglutaminases family, from basic research to biomedical and biotechnological applications.

Suggested topics include, but are not limited to:

- transglutaminases in bacteria, plants, and other lower, non-mammalian organisms;
- the discovery of novel transglutaminases;
- mammalian transglutaminases: new functions for old enzymes;
- the thousand faces of the tissue transglutaminase;
- transglutaminases in human diseases;
- transglutaminases as therapeutic targets; and
- transglutaminases as biotechnological tools.

---

### Guest Editors

Dr. Ivana Caputo

Dr. Gaetana Paoletta

Dr. Stefania Martucciello

---

### Deadline for manuscript submissions

closed (20 August 2020)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/29252](https://mdpi.com/si/29252)

*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 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)