

## Special Issue

# Novel Insights into Regenerative Medicine

### Message from the Guest Editors

Currently, it is more common to hear people and physicians worldwide speak out about how they are searching for new treatments based on cells and proteins that can solve old problems without the need for taking medications for life, and regenerative medicine emerges as an answer to these solicitudes. Regenerative medicine encompasses a wide field of the biological sciences that combines several therapeutic approaches that include the use of cells, proteins, biomaterials, and genetic modifications at basic, preclinical, and clinical stages to heal, improve, or restore tissues and organs affected by traumatic, toxic, infectious, degenerative, immune, and genetic conditions, among others, instead of administering the classical pharmacological therapies for controlling lifetime symptoms. In a wide sense, several regenerative medicine biodrugs and bioengineered-based products have changed the course of treating many diseases, such as stroke, hypoxic encephalopathy, osteoarthritis, tendinopathies, heart failure, renal chronic disease, and retinal degeneration, among others. We look forward to receiving your contributions.

### Guest Editors

Prof. Dr. Jorge U. Carmona

Grupo de Investigación Terapia Regenerativa, Departamento de Salud Animal, Universidad de Caldas, Manizales, Colombia

Prof. Dr. Marco Tatullo

Full Professor, Department of Translational Biomedicine and Neuroscience (DiBrain), University of Bari "Aldo Moro", 70121 Bari, Italy

### Deadline for manuscript submissions

closed (20 July 2025)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/204277](https://mdpi.com/si/204277)

*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*, 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.

---

### 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

---

### 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 and Molecular Biology) / CiteScore  
- Q1 (Organic Chemistry)