

## Special Issue

# Recent Development in Scaffolds for Tissue Engineering

### Message from the Guest Editor

This Special Issue called “Recent Development in Scaffolds for Tissue Engineering” includes experimental research articles, commentaries, and review articles focused on the scaffolds, which, through specific bioactive molecules or drugs, stimulate cells to regenerate the tissue. Scaffolds are able to stimulate cells under specific culture conditions, using different mechanostimulations or electric/magnetic stimulation and bioreactors, as well as through the development of 3D in vitro tissue models that perform cell differentiation and specific protein synthesis within scaffold models. The scaffolds cover synthetic scaffolds or naturally derived scaffolds for both soft and hard tissues. In vivo experiments involving the developed scaffolds and studying the healing, inflammation, or immune reactions are welcome.

---

### Guest Editor

Dr. Eva Filova

Institute of Experimental Medicine of the Academy of Sciences of the Czech Republic, Prague, Czech Republic

---

### Deadline for manuscript submissions

closed (28 February 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/186470](https://mdpi.com/si/186470)

*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)