

## Special Issue

# Biopolymers in Drug and Gene Delivery Systems

### Message from the Guest Editor

This Special Issue invites authors from multidisciplinary fields to submit original research and up-to-date reviews on fundamental and applied aspects of the design, characterization, and properties of biopolymeric drug and gene delivery systems. Recent advances in polymer chemistry and technology have produced new functional biopolymers and smart nanomaterials with the potential to significantly improve the effectiveness of drug delivery. Ultimately, these materials could improve the treatment of severe diseases such as cancer, diabetes, and neurodegenerative and cardiovascular diseases. We hope that this Special Issue will contribute to the diffusion of new knowledge on biopolymeric delivery systems and inspire further research in this interdisciplinary field.

---

### Guest Editor

Dr. Yury A. Skorik

1. Head of the Laboratory of Natural Polymers, Institute of Macromolecular Compounds of the Russian Academy of Sciences, St. Petersburg, Russia
2. Head of the Analytical Chemistry Department, Almazov National Medical Research Centre, St. Petersburg, Russia

---

### Deadline for manuscript submissions

closed (30 November 2022)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/91866](https://mdpi.com/si/91866)

*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)