



## Trends and Prospects in Electroporation-Based Treatment for Tumors

Guest Editors:

**Prof. Dr. Gregor Sersa**

**Prof. Dr. Blaž Trotovšek**

**Dr. Giulia Bertino**

Deadline for manuscript  
submissions:

**20 June 2024**

### Message from the Guest Editors

Dear Colleagues,

Electroporation-based treatments are a fast-developing field in oncology. Electrochemotherapy is an excellent example of this technology that has broad clinical applications in tumor treatment. Another new fast-developing field is gene electrotransfer for gene therapy or vaccination. This application is still in clinical trials, but has vast potential. To bring both approaches into broader clinical applications, more research on pre-clinical level is needed. In this respect, we invite researchers in the development and applications of electroporation-based treatments for cancer to submit good research or review papers in this Special Issue. Additionally, clinical papers with biomolecular experiments are welcomed.

Prof. Dr. Gregor Sersa  
Prof. Dr. Blaž Trotovšek  
Dr. Giulia Bertino  
*Guest Editors*





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