



## Extracellular Vesicles: Biology and Potentials in Cancer Therapeutics

Guest Editor:

**Dr. William Cho**

Department of Clinical Oncology,  
Queen Elizabeth Hospital, Hong  
Kong, China

[williamcscho@gmail.com](mailto:williamcscho@gmail.com)

Deadline for manuscript  
submissions:

**31 March 2021**

### Message from the Guest Editor

In contrast to the artificial vehicles for drug delivery in cancer, extracellular vesicle (EV) as intercellular communication has attracted tremendous interest from the scientific community for use as a vehicle for therapeutics. EVs have been studied as delivery vehicles to transport drugs, proteins, and non-coding RNA for therapeutic purposes. Various approaches are emerging, with interesting experimental results.

The efficiency and specificity of drug delivery should be considered for targeting specific cell populations in dealing with tumor heterogeneity. EVs can be engineered to deliver specific bioactive molecules to target cells. The exploitation of their molecular composition and physical properties, as well as the use of bio-techniques to modify their content, are important issues to target them to specific cells/tissues/organs.

This Special Issue particularly focuses on how EVs offer a solution to molecular cancer therapeutics, thereby providing an efficient and effective way to treat cancer that marks a paradigm shift in modern oncology.





an Open Access Journal by MDPI

## Editors-in-Chief

**Prof. Dr. Charles Brennan**

**Prof. Dr. Andreas Taubert**

**Prof. Dr. Kurt A. Jellinger**

**Prof. Dr. Ian A. Nicholls**

**Prof. Dr. Stephen A. Bustin**

**Prof. Dr. Xiaofeng Jia**

**Prof. Dr. Maurizio Battino**

**Prof. Dr. Guido R.M.M. Haenen**

**Prof. Dr. Setsuko Komatsu**

**Prof. Dr. Claudiu T. Supuran**

**Prof. Dr. Irmgard Tegeeder**

## Message from the Editorial Board

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 by the **Science Citation Index Expanded** (Web of Science), MEDLINE (PubMed), Scopus and other databases.

**Rapid Publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 13.4 days after submission; acceptance to publication is undertaken in 2.2 days (median values for papers published in this journal in the first half of 2020).

## Contact Us

*International Journal of Molecular  
Sciences*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
@IJMS\_MDPI