

## Special Issue

# Role of NF- $\kappa$ B in Carcinogenesis and Its Therapeutic Regulation

### Message from the Guest Editor

The master transcription factor nuclear factor kappa-light-chain-enhancer of activated B cells (NF- $\kappa$ B) plays an important role in both physiological and pathological conditions. It is an important component of the immune system, but once deregulated, it can promote tumorigenesis by altering the expression of various oncogenic genes. A number of strategies can be employed to target aberrant NF- $\kappa$ B activation, but efforts are still ongoing to identify specific NF- $\kappa$ B blockers that can be effective against various malignancies, especially in clinical studies. This issue will highlight the diverse mechanisms of NF- $\kappa$ B activation in tumor cells, its potential role in oncogenesis and novel approaches to targeting this transcription factor for cancer therapy.

---

### Guest Editor

Dr. Gautam Sethi

Department of Pharmacology, Yong Loo Lin School of Medicine,  
National University of Singapore, Singapore 117597, Singapore

---

### Deadline for manuscript submissions

closed (31 May 2023)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/129880](https://mdpi.com/si/129880)

*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)