



an Open Access Journal by MDPI

## NF- $\kappa$ B and Cancer 2.0

Guest Editor:

**Prof. Dr. Sanjay K. Srivastava**

Department of  
Immunotherapeutics and  
Biotechnology, Texas Tech  
University Health Sciences  
Center, 1718 Pine Street, Abilene,  
TX 79601, USA

Deadline for manuscript  
submissions:  
**closed (20 February 2025)**

### Message from the Guest Editor

Dear Colleagues,

The nuclear factor  $\kappa$ B (NF- $\kappa$ B) belongs to a family of transcription factors that are involved in the orchestration of different biological processes. It plays a recognized role in the regulation of immune response and inflammation. However, several studies have shown aberrant activation of NF- $\kappa$ B in various solid tumors. Activation of NF- $\kappa$ B may result from different signalling pathways triggered by a variety of growth factors, cytokines and tyrosine kinases. Several cell survival genes regulated by NF- $\kappa$ B play a critical role in the development and progression of cancer. Taken together, all studies establish NF- $\kappa$ B as an important therapeutic target for the treatment of cancer. This Special Issue on “NF- $\kappa$ B and Cancer” addresses the biology of NF- $\kappa$ B in cancer and its inhibition by various natural products and synthetic agents, leading to tumor growth suppression and clinical development of inhibitors.



[mdpi.com/si/186745](https://mdpi.com/si/186745)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## 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 and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

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