

## Special Issue

# Recent Advances in B Cells: Signal Transduction and Therapeutic Potential

### Message from the Guest Editor

Dysregulated B cell signaling can be the primary driver of many human autoimmune diseases. Studying signaling and co-signaling molecules and pathways in B cells would help to elucidate the molecular mechanisms of autoimmune diseases and would lead to the discovery of novel therapeutic targets and to the development of new drugs for the treatment of autoimmune diseases.

This Special Issue, "Recent Advances in B Cells: Signal Transduction and Therapeutic Potential" in the International Journal of Molecular Sciences will comprise a selection of research papers and reviews that will contribute to defining proteins and signaling pathways that support atypical B cell response in autoimmune diseases. This will also help researchers to better understand disease mechanisms, to identify key immune regulatory processes, and eventually, provide new ideas for precision therapy.

### Guest Editor

Prof. Dr. Gabriella Sármay

Department of Immunology, Eötvös Loránd University, 1117 Budapest, Hungary

### Deadline for manuscript submissions

closed (31 May 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/82451](https://mdpi.com/si/82451)

*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*, 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.

---

### 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

---

### 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)