



## GPR37 and Related Receptors: Disease Regulation

Guest Editor:

**Dr. Daniela Marazziti**

Institute of Biochemistry and Cell  
Biology, Italian National  
Research Council (CNR),  
Monterotondo Scalo, I-00015  
Rome, Italy

Deadline for manuscript  
submissions:

**closed (15 October 2022)**

### Message from the Guest Editor

Dear Colleagues,

The vertebrate G protein-coupled receptors 37 and 37-like 1 (GPR37 and GPR37L1) are distinctively expressed in neuronal glia, and recent studies have also reported their specific expression in peripheral tissues. Their specific interaction with prosaposin and derived cytoprotective ligands has been actively debated.

This Special Issue of the International Journal of Molecular Sciences focuses on the various fields of advanced research on GPR37 and GPR37L1, and welcomes both original research articles and review papers that deal with the molecular mechanisms underlying the role of these GPCRs in health and disease.

### Keywords:

GPR37; GPR37L1; prosaposin; neuroprotection D1; mechanisms; pathology; mouse models





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