



## The Development of New Drugs for Alzheimer's Disease

Guest Editor:

**Dr. Antonio Carrieri**

Department of Pharmacy-Drug  
Sciences, University of Bari "Aldo  
Moro", Via E. Orabona 4, 70125  
Bari, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

With the advancing age of the population, Alzheimer's disease is one of the more frequent pathologies to emerge.

The main drugs known so far are cholinesterase inhibitors (donepezil, galantamine and rivastigmine), NMDA antagonists (memantine) and the recent FDA-approved amyloid-b-directed antibody (aducanumab), but there is a strong struggling search for novel chemical principles as alternatives to these molecular entities.

This Special Issue aims to be a compendium focusing on alternative drug design hypotheses based on multifactorial approaches and protocols facing Alzheimer's disease and neurodegenerative disorders, presenting original manuscripts and short communications in this field.





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 and Molecular Biology) / CiteScore - Q1 (Inorganic 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