

## Special Issue

# Neuroinfectiology: Molecular and Cellular Mechanisms of Neurotropic Virus Infection 3.0

### Message from the Guest Editor

This Special Issue is the third volume of our previous Special Issue, “Neuroinfectiology: Molecular and Cellular Mechanisms of Neurotropic Virus Infection”. In recent years, reported cases of viral pathogens causing infection of the central nervous system (CNS) as emerging and re-emerging diseases have been increasing, particularly noticeable in humans and animals. Still, a substantial number of possible viral CNS diseases remain etiologically undetermined so far. The burden of infectious CNS diseases is reinforced by the fact that survivors may suffer from life-long neurological and psychiatric complications. Predisposing factors, including concurrent diseases and immune deficiencies, may increase susceptibility to viral infection. Therefore, a broader definition of neuroinfectiology should include predisposing mechanisms, acute host–pathogen interactions, and long-term, delayed disturbances and disabilities.

Mechanisms that govern the neuropathogenesis of viral infections will be highlighted in this Special Issue.

---

### Guest Editor

Prof. Dr. Wolfgang Baumgärtner  
Department of Pathology, University of Veterinary Medicine, Bünteweg  
17, D-30559 Hannover, Germany

---

### Deadline for manuscript submissions

closed (31 July 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/80973](https://mdpi.com/si/80973)

*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)