

## Special Issue

# New Insights into Diseases with Cognitive Impairment: Development, Genesis, and Treatment

### Message from the Guest Editor

It is increasingly important to fully understand the neurocognitive changes related not only to aging or neurological disorders at all ages, but also to systemic diseases that affect cognitive functions such as endocrine, metabolic, hepatic, and renal diseases.

Research on cognitive functions deals with language, learning, memory and other intellectual capacities responsible for daily adaptation, as well as explaining the mechanism of cognitive changes that occur in different disorders and diseases. The aim of this Special Issue is to provide an overview of the latest advances and to present some comprehensive reviews on specific aspects of cognitive impairment.

Several studies on molecular mechanisms and pathophysiology as well as methods for the accurate diagnosis of cognitive impairment, such as neuropsychometric tests, blood tests, neuroimaging techniques and clinical neurophysiology, may be relevant to this Special Issue. Finally, the advancement of treatments for cognitive impairment or its prevention is particularly in demand. We welcome contributions in the form of original research articles, reviews and communications.

---

### Guest Editor

Prof. Dr. Omar Cauli

Frailty and Cognitive Impairment—FROG Research Group, University of Valencia, 46010 Valencia, Spain

---

### Deadline for manuscript submissions

closed (28 February 2025)



Pathophysiology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 4.6  
Indexed in PubMed



[mdpi.com/si/191837](https://mdpi.com/si/191837)

*Pathophysiology*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pathophysiology@mdpi.com](mailto:pathophysiology@mdpi.com)

[mdpi.com/journal/  
pathophysiology](https://mdpi.com/journal/pathophysiology)





## Pathophysiology

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 4.6  
Indexed in PubMed



[mdpi.com/journal/  
pathophysiology](https://mdpi.com/journal/pathophysiology)



# About the Journal

## Message from the Editor-in-Chief

---

### Editor-in-Chief

Prof. Dr. Jonathan Steven Alexander  
Department of Molecular and Cellular Physiology, LSU Health  
Shreveport, Shreveport, LA 71103, USA

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, PMC, PubMed, and other databases.

#### Journal Rank:

JCR - Q2 (Pathology) / CiteScore - Q2 (Pathology and Forensic Medicine)