

## Special Issue

# Translational Neurobiology: Molecular, Cellular, and Sensory Neuroscience in Human Health and Diseases

### Message from the Guest Editor

The neuroscience research addressed the complexity of brain function and dysfunction, opening a new scenario in human disease. Basic and translational investigators explored the interface between basic and clinical neuroscience, underlying the importance of Translational Neurobiology, and potential applications in elucidating, treating and preventing brain disorders. In addition, sensory neuroscience of visual (seeing), auditory (hearing), tactile (touch), gustatory (taste), and olfactory (smell), vestibular (movement) cut across a broad range of neurological disciplines. The aim of this Special Issue entitled 'Translational Neurobiology: Molecular, Cellular, and Sensory Neuroscience in Human Health and Diseases', is to explore the recent progress on Translational Neurobiology, and future directions, in the neurobiology of neurological and psychiatric diseases. Original and review articles from this Special Issue will provide recent molecular, cellular, and translational neuroscience studies that highlight the role of neurobiology in central nervous system disorders.

---

### Guest Editor

Dr. Christian Barbato

Institute of Biochemistry and Cell Biology (IBBC), National Research Council (CNR), Via E. Ramarini, Monterotondo Scalo, 00015 Rome, Italy

---

### Deadline for manuscript submissions

closed (15 December 2023)



## Diseases

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 3.7  
Indexed in PubMed



[mdpi.com/si/159969](https://mdpi.com/si/159969)

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

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





# Diseases

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 3.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Diseases* is an international, peer-reviewed, open access, multidisciplinary journal that focuses on the latest outstanding research concerning diseases and conditions. Research articles, reviews, and other contents are released on the Internet immediately after acceptance. This journal aims to cover international conferences and symposia as new targets.

*Diseases* is increasingly gaining acceptance and visibility within scholars, and after only a few years of life, *Diseases* is now also covering specific topics with dedicated special issues. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Omar Cauli

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

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Medicine, Research and Experimental)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).