

## Special Issue

# Mitochondrial Dysfunction in Neurodegenerative Diseases

### Message from the Guest Editors

Alterations in mitochondrial bioenergetics, dynamics, mitophagy and oxidative stress originating at mitochondria have long been intertwined as causative factors for neurodegenerative diseases.

Neurodegeneration itself is a very complex process, and the various factors involved in its aetiology are not yet fully understood, which is why there are no disease-modifying therapies available. However, the future is not bleak; with recent technological advances, it is now possible to probe further than ever before into the mitochondria-related mechanisms of neurodegeneration. New factors, interactions and processes are being discovered every day. We are poised to make great strides towards finding a cure and, with our Special Issue, we hope to take advantage of this crucial turning point. We intend to provoke a healthy and fruitful discussion on mitochondria-targeted therapies in development and bring to the fore new and current advances in the understanding and clinical development of some of these disease mechanisms, biomarkers and therapies.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 June 2024)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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### Editor-in-Chief

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