## Special Issue

## Neurodegenerative Diseases: Molecular Pathology and Personalized Treatment

## Message from the Guest Editor

This issue will highlight translational research and precision medicine approaches, including biomarker discovery, individualized risk assessment, and targeted therapeutic strategies, such as gene therapy, RNAbased treatments, neuroprotective agents, and personalized neuromodulation techniques. Studies integrating computational modelling, artificial intelligence, and machine learning to refine patient stratification and treatment prediction are welcome. Additionally, we seek investigations into disease heterogeneity, the role of sex and ageing in neurodegeneration, and novel clinical trial designs that address patient-specific responses to therapy. Contributions from interdisciplinary collaborations that bridge basic, translational, and clinical research are encouraged to provide a comprehensive understanding of disease mechanisms and the path toward more effective, individualized treatments. This Special Issue aims to drive forward the next generation of personalized interventions for neurodegenerative diseases.

#### **Guest Editor**

Dr. Oscar Arias-Carrion

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## Deadline for manuscript submissions

20 November 2025



# Journal of Personalized Medicine

an Open Access Journal by MDPI

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## About the Journal

## Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on "omics"-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical

subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

#### Editor-in-Chief

#### Prof. Dr. Kenneth P.H. Pritzker

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#### Journal Rank:

CiteScore - Q1 (Medicine (miscellaneous))

### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).

