

Special Issue

Advancing Personalized Medicine: Targeting Oxidative Stress in Neurodegenerative Diseases

Message from the Guest Editor

The rising prevalence of neurodegenerative disorders, significantly influenced by epigenetic factors, underscores the urgent need for personalized medicine approaches that integrate innovative technologies to enhance clinical treatment efficacy. Oxidative stress, which is characterized by an imbalance between reactive oxygen and nitrogen species and antioxidant defenses, plays a pivotal role in the pathogenesis of these disorders. This Special Issue will consolidate efforts from both the medical and research communities to investigate and clarify the contribution of oxidative stress in neurodegenerative diseases. We will consider original research, systematic reviews, and experimental pre-clinical and clinical studies that explore the role of personalized medicine in addressing oxidative stress in neurodegenerative disorders.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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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).