Special Issue

Genetic Diagnosis of Rare Neurological Disorders: Advances, Challenges, and Clinical Impact

Message from the Guest Editor

In recent years, the diagnosis of rare neurological disorders has been revolutionized by advances in genetic testing and molecular research. What was once a diagnostic odyssey for many patients is now a process guided by powerful genomic tools, which help clinicians and researchers uncover the underlying causes of complex conditions.

This Special Issue brings together diverse perspectives on how genetic discoveries are reshaping the way we understand, diagnose, and manage rare neurological diseases. We welcome contributions that highlight new gene findings, cutting-edge diagnostic technologies, clinical case studies, and real-world challenges in implementing genetic testing in clinical practice.

We are especially interested in work that bridges the gap between research and patient care, from improved diagnostic accuracy to implications for treatment, counseling, and long-term management. Our goal is to create a Special Issue that reflects the collaborative nature of this field and inspires continued innovation in the service of patients and families living with rare neurological conditions.

Guest Editor

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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