Special Issue

Advances in the Molecular Genetics of Neurological Disorders

Message from the Guest Editors

Many neurological diseases have an important genetic basis, either as risk-determining alleles or causative Mendelian variants, and over one-third of Mendelian genetic diseases present phenotypes with significant neurological manifestations. The description of neurological phenotypes and the reporting of novel variants also make new diagnostic strategies for these diseases, as well as better genetic counseling, possible. Greater knowledge of the molecular genetic basis of non-mendelian neurodegenerative diseases, such as Parkinson's disease, Alzheimer's disease, allow for the development of prognostic tools and new treatment strategies.

This Special Issue aims to highlight recent Advances in the Molecular Genetics of Neurological Disorders, inviting more papers on the following areas:

- Characterization of phenotypes in neurogenetic diseases through case series, natural history studies or review papers;
- Molecular genetics strategies for diagnosis, prognosis or treatment of neurodegenerative diseases;
- Describe novel pathogenic variants with characteristic findings;
- Diagnostic or treatment strategies for neurogenetic diseases.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

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