

Special Issue

Gene Therapy for Neurodegenerative Diseases

Message from the Guest Editor

Neurodegenerative disorders are a devastating burden for patients and their families. Many of these diseases progress rapidly, thereby robbing the patients of key functions including cognition, vision, hearing, and movement. There is an urgent need for the development of therapeutics to slow down or halt the progression of neurodegeneration. Gene therapy approaches using adeno-associated viral vectors (AAVs) are emerging as a promising strategy to target the nervous system and hold the potential for long-lasting benefit with only a single treatment. Many innovative strategies targeting either underlying mutations that cause neurodegeneration or interfering with pathways involved in disease progression are currently under development. This Special Issue is dedicated to gene therapy approaches for neurodegenerative diseases. It will cover research articles on therapeutic gene therapy strategies for various disorders affecting the nervous and neuromuscular systems. Comprehensive reviews providing an overview over gene therapy studies for neurodegenerative disorder.

Guest Editor

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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.

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