

Stem cells in the treatment of Motor Neuron Disease

Hilary Denis Solomons

P.O. Box 64203, Highlands North, 203, South Africa.

***Corresponding Author:** Hilary Denis Solomons, P.O. Box 64203, Highlands North, 203, South Africa.

Received Date: January 14, 2025; **Accepted Date:** January 23, 2025; **Published Date:** February 03, 2025

Citation: Hilary Denis Solomons (2025), Stem cells in the treatment of Motor Neuron Disease, *J. Cancer Research and Cellular Therapeutics*, 9(1); DOI:10.31579/2640-1053/227

Copyright: © 2025, Hilary Denis Solomons, this is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Introduction:

Motor neuron disease is a group of neurological disorders that affects speaking, walking, breathing, swallowing and general body movements. It is progressive in nature and eventually and inevitably results in death.

Methods:

Stem cells provide an inexhaustible source of neurons and glia for therapies aimed at cell replacement or neuroprotection in disorders affecting the brain and spinal cord

Embryonic stem cells and stem cells from the fetal or adult cell or other neurological tissues are suitable for this project.

Results:

Stem cells are injected into the pons and differentiate into glial and neuron cells producing neuroprotective molecules.

This procedure is curative in the 5 subtypes of motor neuron disease.

These include:

- Amyotrophic lateral sclerosis
- Primary lateral sclerosis
- Progressive muscular atrophy
- Motor neuron disease
- And People with motor neuron disease!



This work is licensed under Creative Commons Attribution 4.0 License

To Submit Your Article Click Here:

Submit Manuscript

DOI: 10.31579/2640-1053/227

Ready to submit your research? Choose Auctores and benefit from:

- fast, convenient online submission
- rigorous peer review by experienced research in your field
- rapid publication on acceptance
- authors retain copyrights
- unique DOI for all articles
- immediate, unrestricted online access

At Auctores, research is always in progress.

Learn more <https://auctoresonline.org/journals/cancer-research-and-cellular-therapeutics>