**AAV VECTORS WITH MYELIN PROTEIN ZERO PROMOTER AND USES THEREOF FOR TREATING SCHWANN CELL-ASSOCIATED DISEASES LIKE CHARCOT-MARIE-TOOTH DISEASE**


## ABSTRACT

The present invention provides viral vectors for use in the treatment and prevention of diseases associated with Schwann cells by delivering polynucleotides specifically to Schwann cells and achieving Schwann cell specific expression. The present invention has particular application in treatment and prevention of Charcot-Marie-Tooth disease and other demyelinating neuropathies.

[Figure 4]