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(54) Title: **XENOTRANSPLANT FOR CNS THERAPY**

(57) Abstract: A "supplementary choroid plexus" comprising preferably a xenotransplant of choroid plexus cells from a neonatal mammal provides a steady supply of trophic factors for administration to a central nervous system in need of treatment for a neurological disease. Choroid plexus cells manufacture a range of trophic factors, particularly during fetal development. This neurotrophic factor therapy may be useful in treating clinical and subclinical neurodegenerative diseases particularly those in which the choroid plexus has often become atrophic. The xenotransplant is cloaked in a protective layer (such as of alginate) capable of concealing the foreign nature of the transplant. Lateral ventricles are the preferred implantation site, from where the trophic factors are carried through the neuropil by the circulation of cerebrospinal fluid.

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