Reviewer's report

Title: Clinical application of stem cell therapy in Parkinson's disease

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Reviewer: Jeffrey Kordower

Reviewer's report:

This is a mini-review discussing the application of cell replacement strategy for Parkinson's disease. There have been numerous reviews on this topic, most of which have been more scholarly than this one. This paper really does not add much to the literature. There is no subtopic that is addressed in any depth. Some concepts are overstated. For instance, Dr. Lindvall and colleagues previously made the important observation that the grafted patients in his series that only had striatal denervation did best. However, this I believe was an N=3; certainly not a sufficient cohort for the authors in this review to state "any patients with more widespread deneervation should be excluded" from these trials.

In summary this review does not add much to the literature.

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I am a founding scientist of Ceregene inc. a gene therapy company
I am an advisor to Brainstorm inc. a stem cell company