AllExcel, Inc., USA

**B C C :** Parkinson's disease is caused by the progressive impairment or deterioration of neurons (nerve cells) in an area of the brain known as Substantia Nigra.

: Curative therapy for Parkinson's disease; Current therapies are based on dopamine supplementation in the brain. ey are only palliative, and require adjunct therapies to minimize side e ects. Yet long term side e ects such as motor neuron defect and Bradykinesia, Dyskinesia etc occur; Cell Replacement erapy is the only approach that promises functional reversal of Parkinson's disease.

M . . . . : AllExcel, Inc. has developed a platform technology for developing designed, functionally improved cell lines without the use of viral vectors or DNA manipulation. Technology is based on concepts derived from naturally observed Human Cell-Cell Interactions (CCITM).

: Fast growing potent Dopaminergic cell lines have been produced with long survival in cell culture. In animal studies (6-OHDA treated Rat model for PD), four di erent clones showed very e ective reversal of the disease.

Highly potent modi ed neural cells have been produced in our lab to treat PD patients.