

# Clonexpress, Inc.

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**Patient-specific dopaminergic neuron cells are generated by fusion of functionally enucleated cytoplasmic donor dopaminergic neuron cell lines with valproic acid treated fibroblasts and/or PBMNC obtained from human patients. These patient-specific epigenetically induced dopaminergic neuron cells express many functions characteristic of primary dopaminergic neuron cells. Also, these cells have the same genotype, as determined by STR analysis, as the patient cells. This system allows use of such patient-specific dopaminergic neuron cells for cell therapy for Parkinson's Disease, neurotoxicology testing, drug development, and other applications.**