

CELL PREPARATION, DELIVERY, AND ADMINISTRATION MANUAL BLUEROCK THERAPEUTICS, NP

Product Number: MSK-DA01

Protocol Title: Phase 1 Study to Assess the Safety and Tolerability of Human Embryonic

Stem Cell-Derived Midbrain Dopamine Neuron Cell Therapy (MSK-

DA01) For Advanced Parkinson's Disease

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Clinical Development

BlueRock Therapeutics

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M. PhD Date

Product Engineering

BlueRock Therapeutics

11/25/2020 | 1:16:27 PM EST

Discovery Bio

BlueRock Therapeutics

MD (Optional) Date

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Memorial Sloan Kettering

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February 18, 2021 Publications - Engineered Cell Therapy (bluerocktx.com)



Neurology | Immunology | Cardiology

NEUROLOGY

Cell Therapies for Parkinson's Disease

2019 - Clinical and Translational Science - 12 (2): 95-97

Stefan Irion

Irion presents a summary of Parkinson's disease and cell therapeutic approaches. Read More »

Human Embryonic Stem Cell-Derived Oligodendrocyte Progenitors Remyelinate the Brain and Rescue Behavioral Deficits following Radiation

2015 - Cell Stem Cell - 16 (2): 198-210

Piao, J., Major, T., Auyeung, G., Policarpio, E., Menon, J., Droms, L., Gutin, P., Uryu, K., Tchieu, J., Soulet, D., Tabar, V.

Plao et al illustrate that pluripotent stem cells can be used to derive glial cells (oligodendrocytes) which show significant response benefit in preclinical models of radiation brain injury. Read More »

Dopamine neurons derived from human ES cells efficiently engraft in animal models of Parkinson's disease

2011 - Nature Letter - 480: 547-551

Kriks, S., Shim, J., Piao, J., Ganat, Y.M., Wakeman, D.R., Xie, Z., Carrillo-Reid, L., Auyeung, G., Antonacci, C., Buch, A., Yang, L., Beal, M.F., Surmeier, D.J., Kordower, J.H., Tabar, V., Studer, L.

Kriks et al document pre-clinical model experience in Parkinson's disease, establishing the foundation for translation. Read More »

Deriving Human ENS Lineages for Cell Therapy and Drug Discovery in Hirschspring's Disease

2016 - Nature - 431 (7592): 105-109