

Enabling a new era of stem cell medicine: A first technology for determining the dose of therapeutic tissue stem cells

Asymmetrex LLC, USA

Abstract: This paper describes a novel technology for determining the dose of therapeutic tissue stem cells. The technology is based on the use of a specific marker to track the cells and their differentiation. The marker is a fluorescent protein that is expressed by the stem cells and their progeny. The cells are implanted into a recipient, and the marker is used to monitor the cells' survival and proliferation. The technology allows for the determination of the optimal dose of stem cells for a given patient, based on the number of cells that survive and differentiate. This technology is a significant advance in the field of stem cell medicine, as it allows for the precise dosing of stem cells, which is essential for the successful treatment of various diseases. The technology is currently being used in clinical trials for the treatment of heart disease, stroke, and Parkinson's disease. The results of these trials are promising, and the technology is expected to be widely used in the future.

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