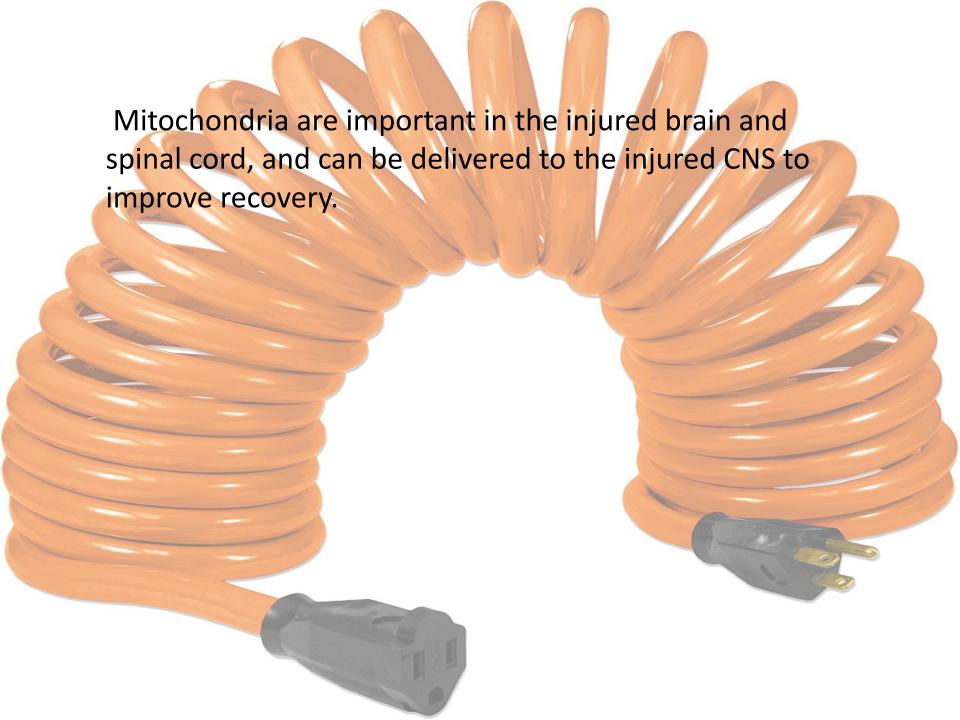
Delivery of mitoceuticals or respiratory competent mitochondria to sites of neurotrauma

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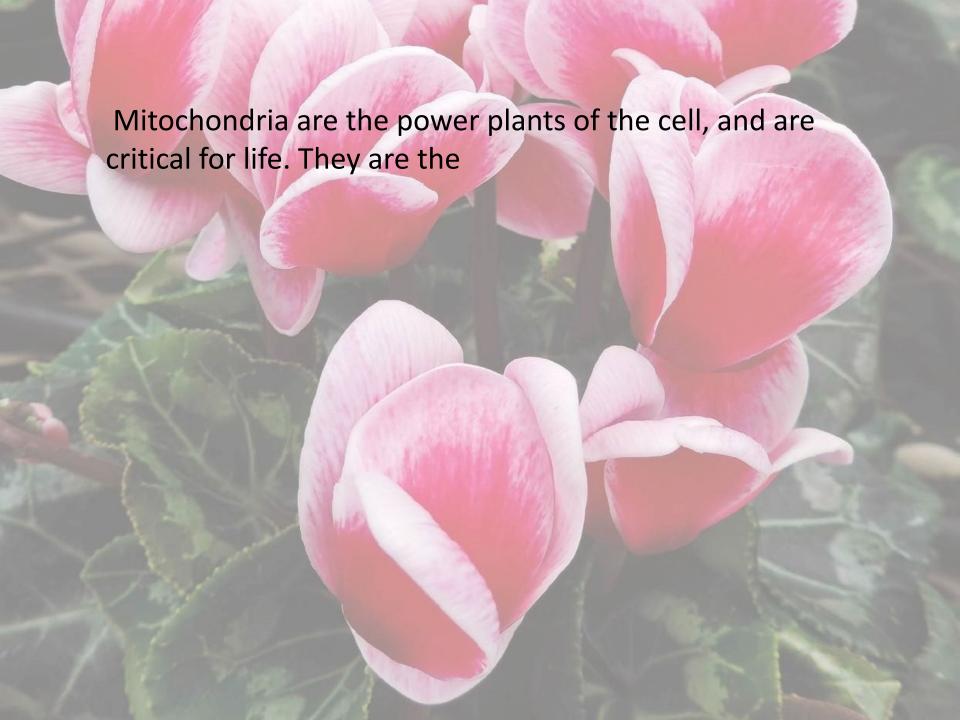




mitochondria are the powerhouses of the cell, and they are the most abundant organelle in the cell. They are responsible for generating ATP, which is the primary source of energy for the cell. Mitochondria are also the Ribo main source of ROS, which are damaging to the cell. Mitochondria are present in almost all eukaryotic cells, Endopand they are essential for life. Mitochondria are inherited from the mother, and they are passed down to the next generation. They are also the main source of mtDNA, somes Endop which is inherited from the mother. Mitochondria are Retallso the main source of mtDNA, which is inherited from the mother. Golgi Body Microtubule

Cell

Centrioles



Mitochondria are the power plants of the cell. They generate ATP, which is the energy currency of the cell. Mitochondria are also involved in the production of reactive oxygen species (ROS) and other reactive molecules, which are toxic if not properly regulated. Mitochondrial dysfunction is implicated in a wide range of diseases, including neurodegenerative diseases and cancer.

Nucleus Cell's control center

Mitochondrion

Produces energy for cells to use by breaking down substances during oxidative metabolism.

DNA Mitochondria are the powerhouses of the cell, and they paarenthe most abundant source of free radicals in the cell-kages and In the case of a spinal cord injury, the mitochondria are

Endoplas damaged, and the free radicals produced by the

Smooth and mitochondria are responsible for the secondary damage rotein made by the that occurs to the surrounding cells. In this paper, the roteins produce message

authors show that injecting mitochondria into the spinal and cell

Lysosome

Where diges cord can reduce the secondary damage. This is a very vacuole nutrients takes place.

cool paper, and I would like to see it move forward. I

Cytoplashink the authors need to go back and revise the

ke fulntroduction and Discussion to make it clear that they are

This is where of the laiming that this is a cure, but rather that this is a cury out promising therapy that needs to

particular reactions, such as detoxifying potentially

Cell membrane

Made up of a double layer of fatty material. It allows some materials to pass into and out the cell at thousands of places across the surface. It allows foods to pass into the cell and waste to pass out of the cell.

Centriole

Tiny organs that help the cell divide.

Mitochondria are the power plants of the cell. They are the place where the majority of cellular energy is generated. Mitochondria are also the place where the majority of cellular oxygen is consumed. Mitochondria are the place where the majority of cellular calcium is stored. Mitochondria are the place where the majority of cellular iron is stored. Mitochondria are the place where the majority of cellular nitric oxide is generated. Mitochondria are the place where the majority of cellular hydrogen peroxide is generated. Mitochondria are the place where the majority of cellular free radicals are generated. Mitochondria are the place where the majority of cellular ATP is generated. Mitochondria are the