

Stem Cell Vocabulary

Name: _____

Grade: _____

This worksheet is designed to get your *brain cells* thinking about what you know, or have always wanted to know about cells, medicine, and the human body.

Let's try to warm up those *brain cells* by seeing if you can match the following terms to the correct description:

Parkinson's Disease _____

Mitosis _____

Differentiation _____

Morphology _____

In Vitro Fertilization _____

Diabetes _____

A Cell _____

Hematopoietic Stem Cells _____

Culture Medium _____

Alzheimer's Disease _____

- A. Cells that are capable of generating red blood cells, white blood cells and platelets.
- B. A disorder that occurs because of damaged nerve cells and usually causes the individual to uncontrollably twitch or shake.
- C. The process of cell division.
- D. The smallest individual living unit of an organism.
- E. A medical disorder of inadequate production or use of insulin, caused by malfunctioning cells in the pancreas.
- F. The term used to define the study of the shape and visual appearance of cells in a culture dish.
- G. The process of a stem cell changing from a "blank slate" or unspecialized form into a specialized cell with a specific function in the body.
- H. A procedure performed in the laboratory that joins a sperm cell and an egg cell to form a fertilized egg (zygote).
- I. A disease affecting cells of the central nervous system, characterized by brain cell degradation and dementia.
- J. The liquid nutrient that provides nourishment and promotes the health and renewal of cells in a culture dish.

Stem Cell Vocabulary Answer Key

- Parkinson's Disease : **B**
- Mitosis: **C**
- Differentiation: **G**
- Morphology: **F**
- In Vitro Fertilization: **H**
- Diabetes: **E**
- A Cell: **D**
- Hematopoietic Stem Cells: **A**
- Culture Medium: **J**
- Alzheimer's Disease: **I**