

Stem Cell Quiz



1. What is a stem cell?

- a. A cell only found in the stem of plants.
- b. An unspecialised cell with the ability to create specialised cells
- c. A specialised cell who can only generate cells of the same type

2. What is the process of cell specialisation called?

- a. Proliferation
- b. Differentiation
- c. Cryopreservation

3. What is the least invasive source of stem cells from the human body?

- a. Cord blood
- b. Adipose tissue
- c. Bone Marrow

4. A structure formed 5 days after conception with a distinctive outer layer and inner layer is called...

- a. A blastocyst
- b. A zygote
- c. An embryo

5. Cells or tissue donated by a related or unrelated individual are called

- a. Autologous
- b. Syngenic
- c. Allogeneic

6. The process whereby cells or tissue are frozen is called...

- a. Cryopreservation
- b. Proliferation
- c. Differentiation

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7. A stem cell transplant using a patient's own stem cells is described as...

- a. Syngenic
- b. Autologous
- c. Allogeneic

8. Adult stem cells are described as...

- a. Somatic
- b. Syngenic
- c. Specialised

9. Name 2 sources of "ethical" stem cells.

- a. Embryonic
- b. Cord Blood
- c. Bone Marrow
- d. Foetal
- e. Peripheral Blood

10. Name two defining features of stem cells

- a. Unspecialised cells which can specialise
- b. Self renewal
- c. Mitosis
- d. Proliferation
- e. Meiosis