The First Creation Of Human Embryonic Stem Cells By Cloning



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VOCABULARY

Bone marrow- A soft fatty substance in the cavities of bones, in which blood cells are produced.

Induced- Bring on artificially, typically by the use of drugs.

Morphing- Undergo or cause to undergo a gradual process of transformation.

Quandary- A difficult situation; a practical dilemma.

Progeny - a descendant or the descendants of a person, animal, or plant; offspring.

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Introduction

Scientists have been making an attempt to clone stem cells from human skin and egg cells. This is often important as a result of the process could eventually be used to produce organs or alternative elements that are genetically similar to the patient's own, and thus, pose no risk of rejection once transplanted.

Stem cells are primitive, unspecialized cells. A 5-day-old human embryo, known as a blastocyst, contains an inner cell mass composed of about twelve **embryonic stem cells**. Adult human bodies contain comparatively few stem cells, mostly concentrated in the **bone marrow.**

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