

SC.912.L.16.10 – Biotechnology – Example 2 Answer

Stem cell research has been a controversial subject in past years. What is the reason for this?

- A. Cells for study are often taken from human embryos.**
- B. Stem cell techniques will not accomplish the intended purpose.**
- C. The cells cannot be isolated.**
- D. Replacement tissue will never be grown from a person's own stem cells.**

Answer

A. Cells for study are often taken from human embryos.

Embryos contain cells that are non-differentiated and can turn into any type of cell in the body. These cells could be used to create new tissues for people with diseases or malformations.