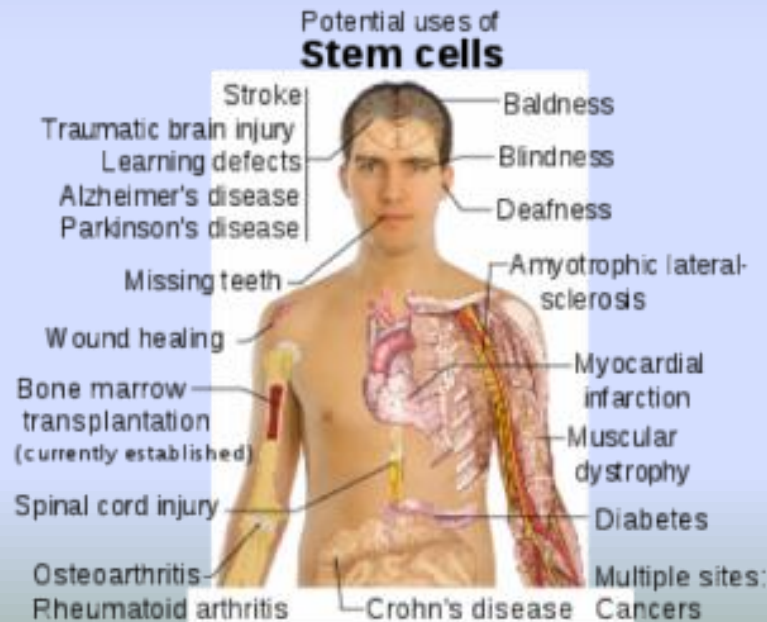


Reproductive Cloning & Therapeutic Cloning

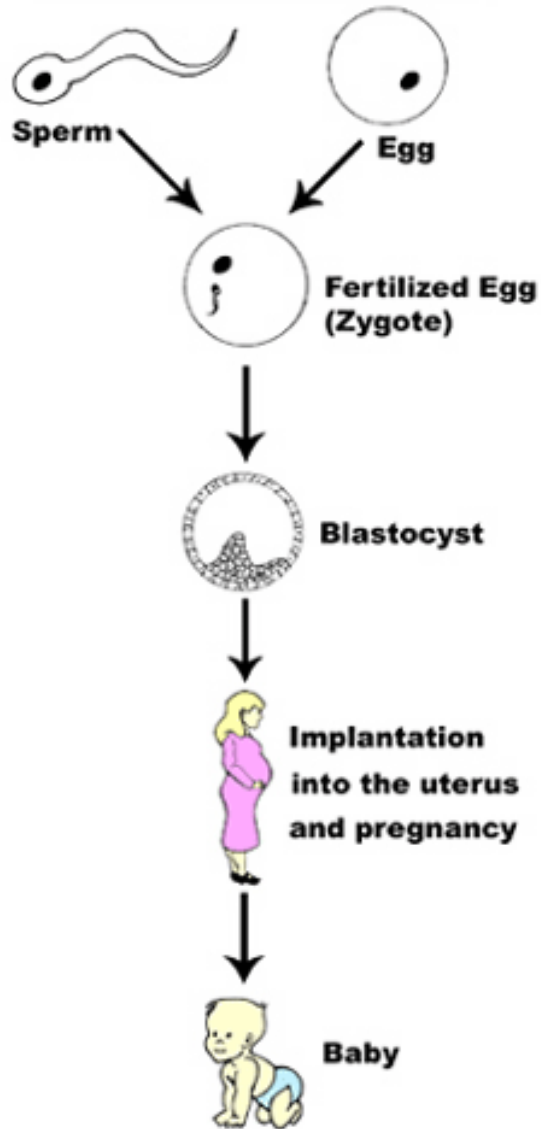


Brainstorming

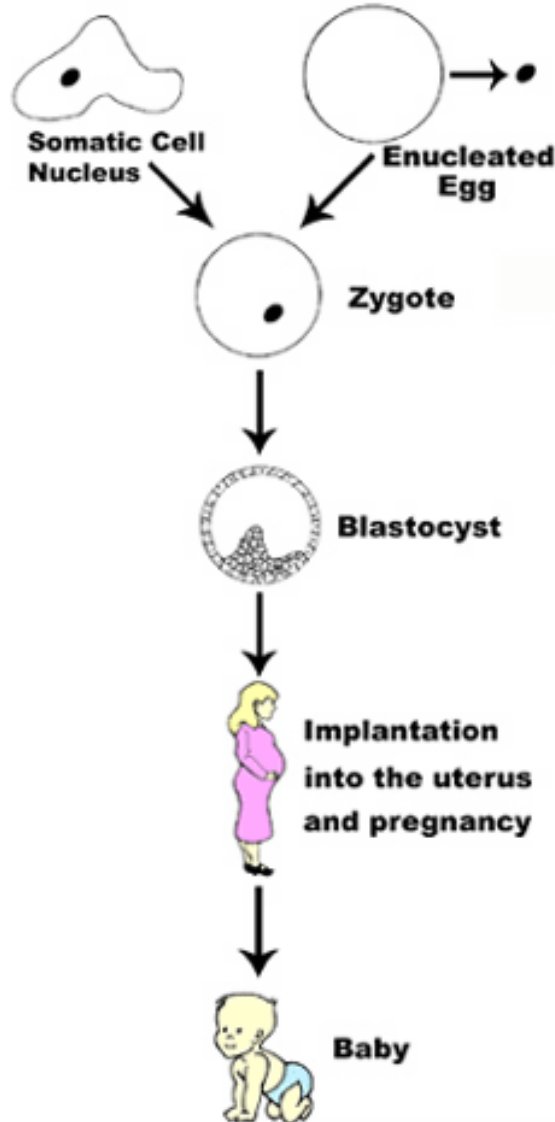
- What do you already know about cloning?
Include any details about the process, history, ethics, or personal opinions about cloning.

Reproductive cloning vs. Therapeutic Cloning

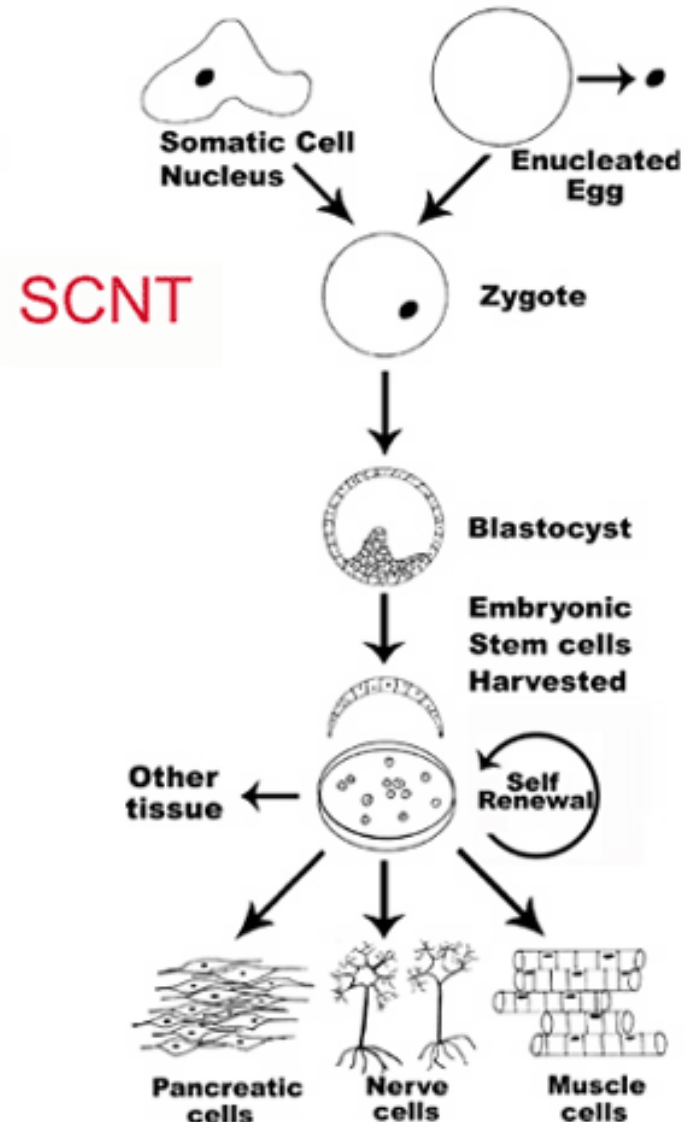
Human Reproduction



Human Being Cloning (Reproductive Cloning)



Human Cellular Cloning (Therapeutic Cloning)



How do the embryonic stem cells “know” which type of cell to become?

- Stem cells are capable of developing into many different types of tissues
- This process is controlled by a series of chemical compounds known as growth factors
- The type and concentration of these growth factors determines what type of cell the stem cell will become, such as nerve cells, muscle cells, or pancreatic cells.