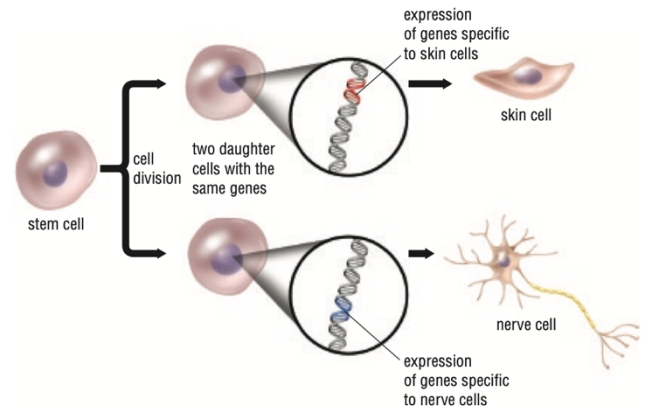


Topic 3: Cell Specialization & Stem Cells

How do cells specialize/differentiate?

What is a stem cell?



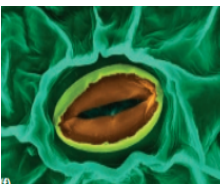
Nelson Science Perspectives 10 textbook p. 77

What are the 2 types of stem cells and how are they different?

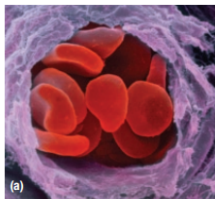
- 1) _____
→
- 2) _____
→

How does specialization help cells perform specific tasks?

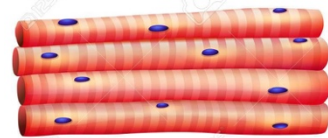
Epidermal cells



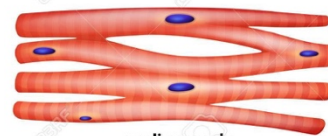
RBC



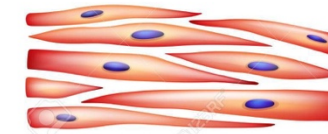
Types of Muscle Cells



skeletal muscle



cardiac muscle



smooth muscle