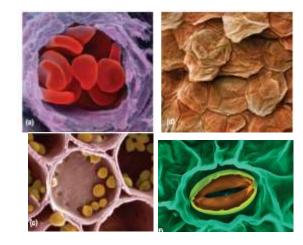
## **Topic 3: Cell Specialization & Stem Cells**

Why do cells need to specialize?

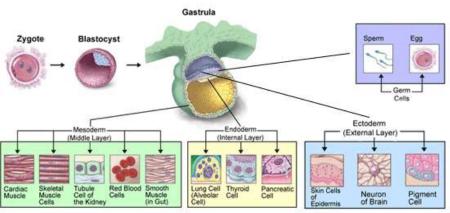


In what way are cells specialized?

How does specialization help cells perform specific tasks?



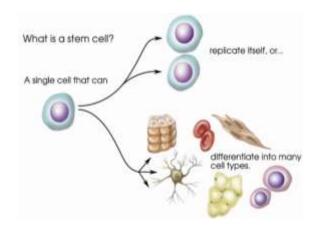
## **Cellular Differentiation**



## What causes specialization?

Cause	How?	Single Cell
		Mitosis
		Two Daughter Cells Containing Identical Copies of DNA
		Expression of Neuron-Specific Gene Expression of Epithelial-Specific Gene
		Neuron Epithelial Cell

SNC2DN: Biology Stem Cells



## **Types of Stem Cells**

Туре	Description

