

## **BioFlix™ Study Sheet for Homeostasis: Regulating Blood Sugar**

**Part I. What is homeostasis? What is negative feedback?**

**Part II. Draw a diagram showing what happens when blood glucose levels increase after a carbohydrate-rich meal. Your diagram should include the pancreas, the liver, and a hormone.**

**Part III. Draw a diagram showing what happens when blood glucose levels decrease, such as after a period of fasting. Your diagram should include the pancreas and liver, as well as a hormone.**

**Part IV. What is diabetes, and how does diabetes relate to the homeostasis of blood glucose levels? What are the two types of diabetes?**