

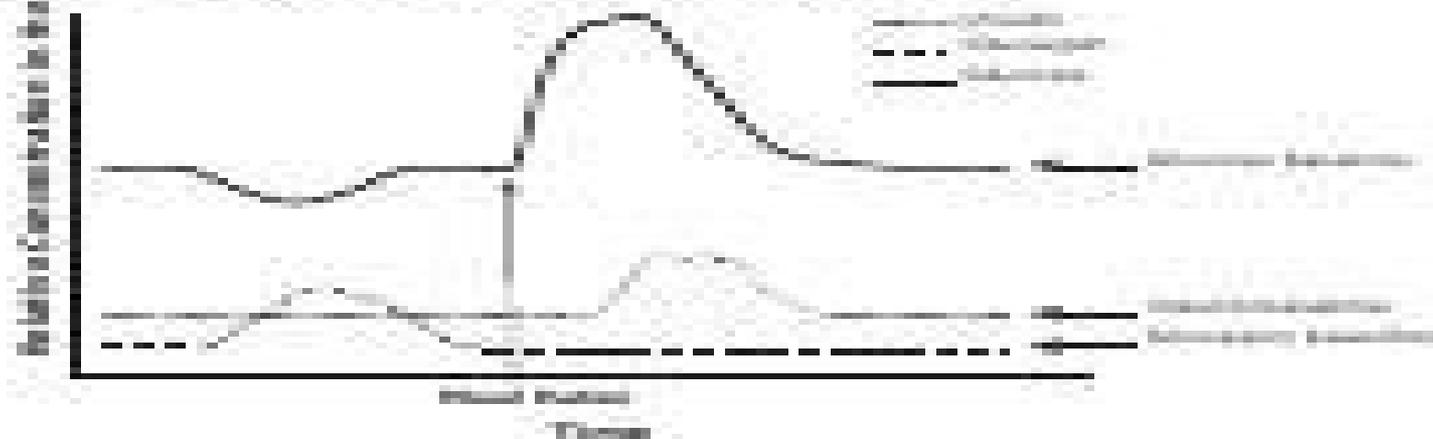
# Control of Blood Sugar Levels

What hormones are involved in the homeostasis of blood sugar?

## Why?

The body keeps blood sugar levels in a narrow range to be used for energy. This is done by releasing and storing glucose. Blood glucose levels are lower than 100 mg/dL (fasting) and higher than 125 mg/dL (after a meal). Blood glucose levels are regulated by hormones. The hormones that regulate blood glucose are insulin and glucagon.

## Model 1 - Normal Control of Glucose



1. The y-axis of Model 1 represents the ratio of which stress molecule and associated to the graph **Glucose, glucagon, insulin**
2. Which hormone from Model 1 is depicted by the graph as the highest concentration during **insulin**
3. Why are both secreted **when blood glucose rises after a meal** **insulin, glucagon**
4. According to the graph in Model 1, what happens to blood glucose levels after a meal **increases**

# Pogil Answer Key Control Of Blood Sugar Levels

**Clifford Lane**



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web you mean with a microcontroller the impedance note about analog sources probably means that if the sources are higher than 2 5k the input on the pic will start to load them down you usually want a source impedance to be at least ten times

smaller than the load impedance so that it is not disturbed by the load impedance

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