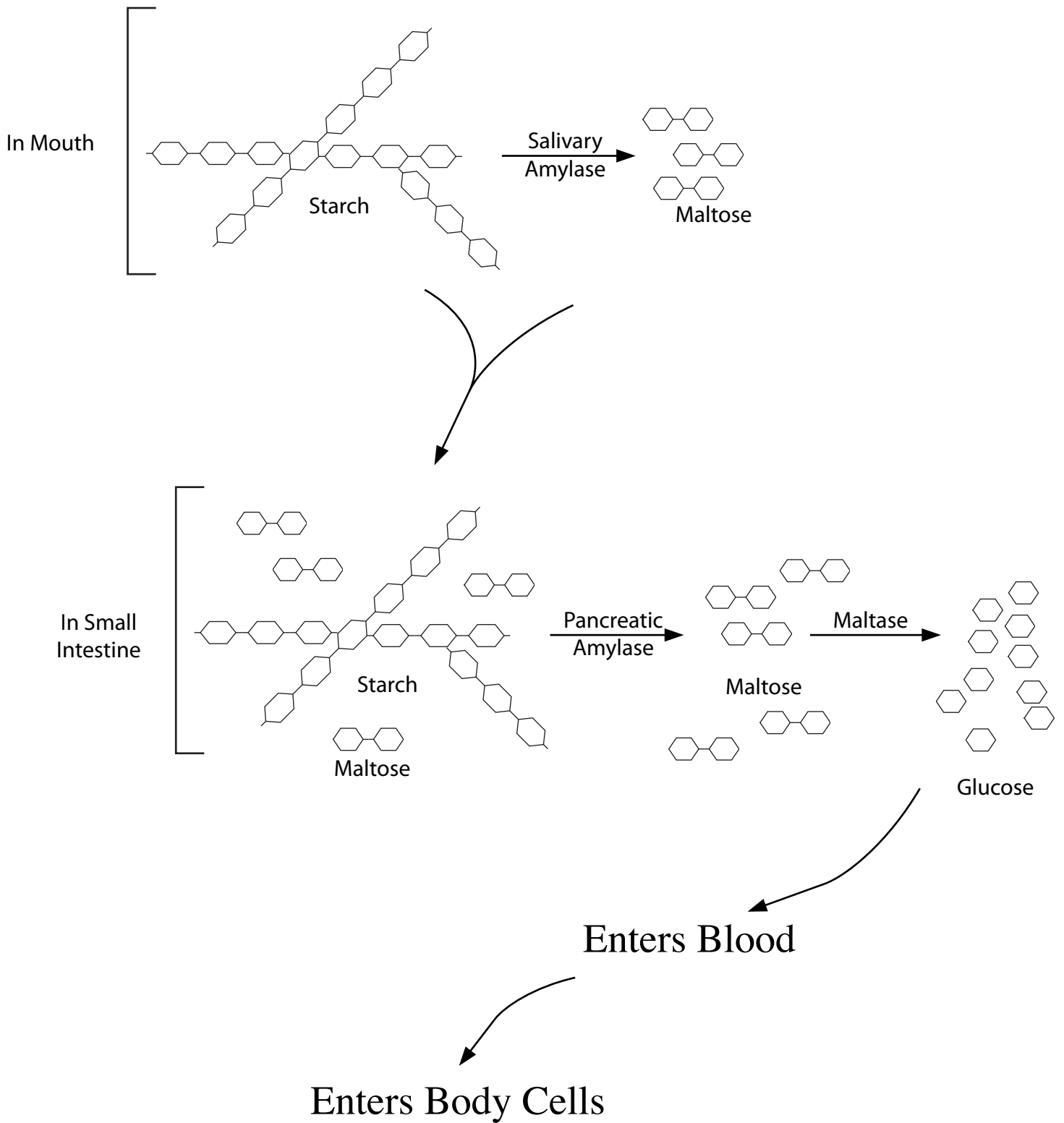
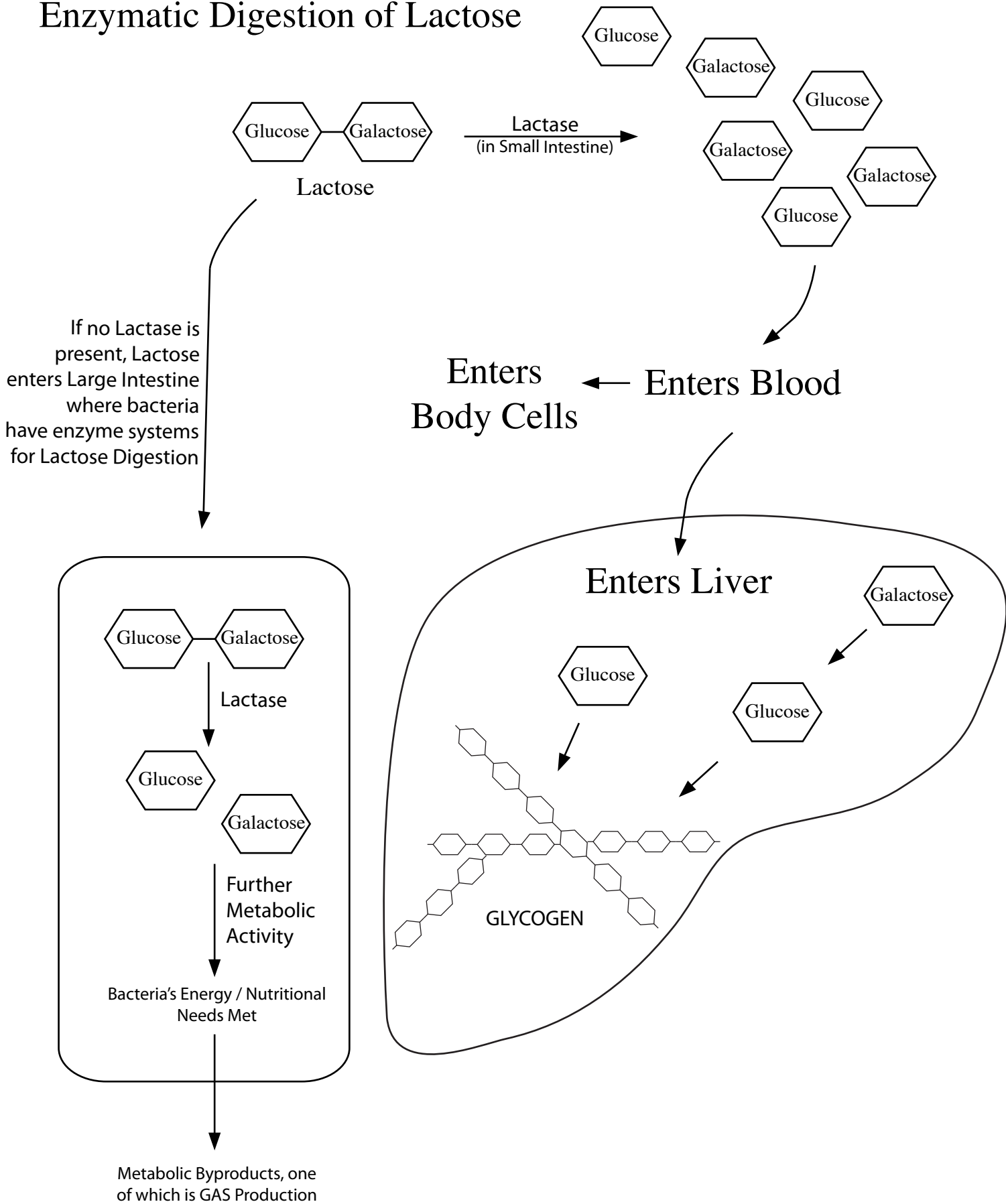


Enzymatic Digestion of Starch



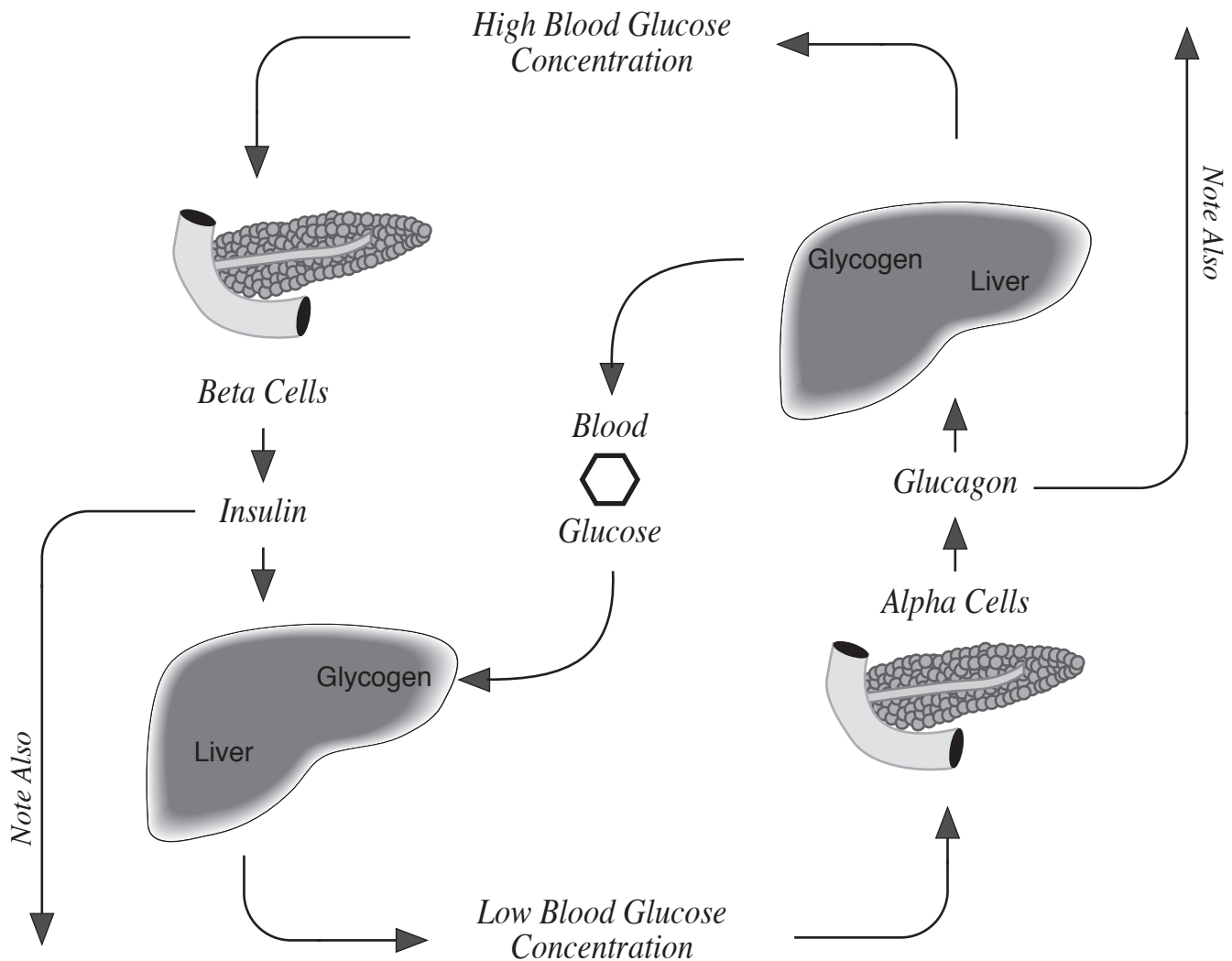
Enzymatic Digestion of Lactose



Glucose Regulation

Glucagon:

- Increases Glucose Production in Liver
- Increases Glycogen Breakdown in Liver and Muscle
- Increases Triglyceride Breakdown in Adipose Connective Tissue



Insulin:

- Increases Glucose uptake among several target tissues
- Increases Cellular Respiration
- Increases Glycogen Formation
- Increases Triglyceride Synthesis in Adipose Connective Tissue

Diabetes Type I

Insufficient Insulin secreted by pancreas, therefore, target tissues do not respond.

Diabetes Type II

Insulin secreted by pancreas, but target tissues can not respond.