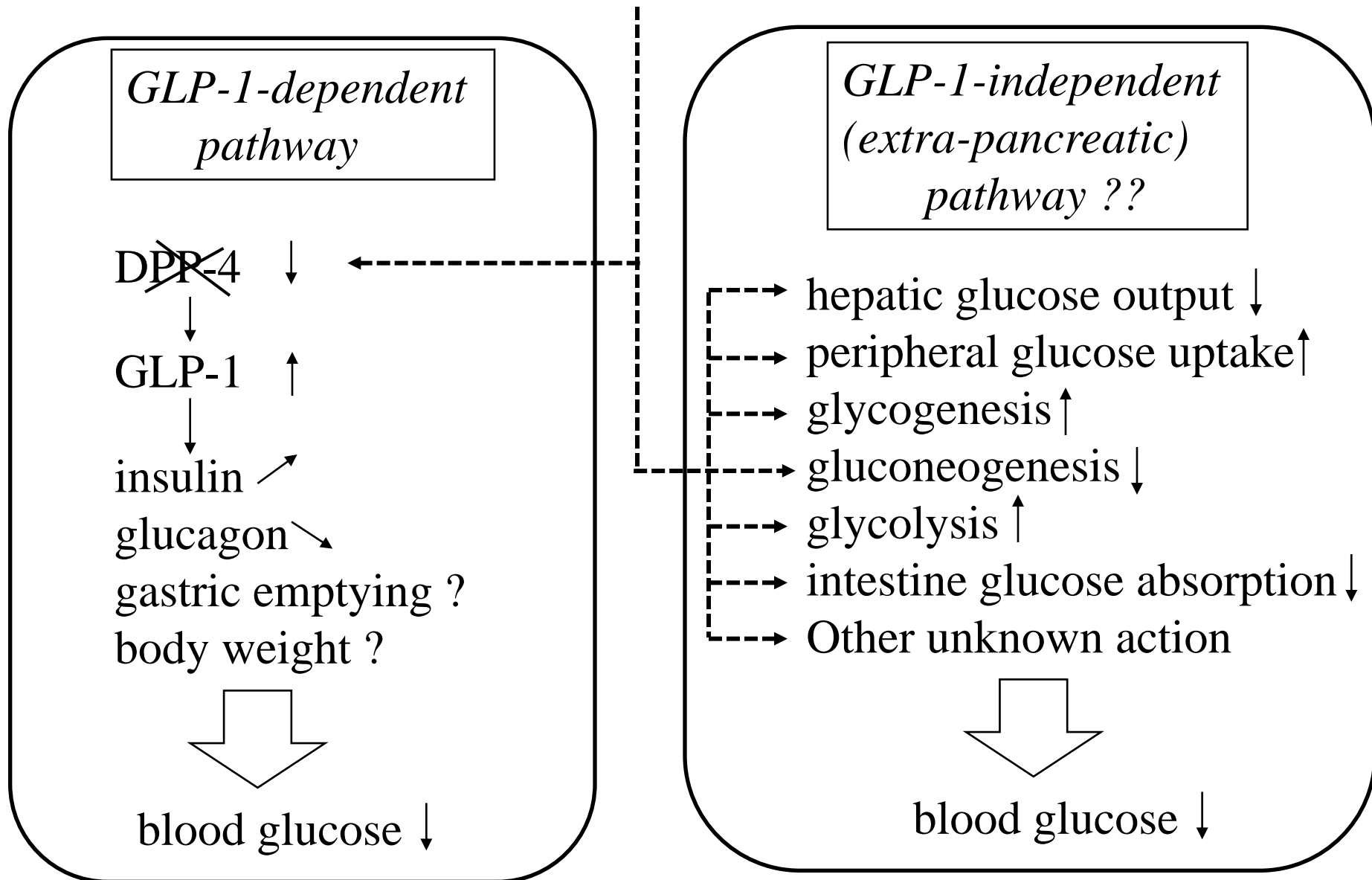


# sitagliptin



*GLP-1-dependent pathway*

~~DPP-4~~ ↓

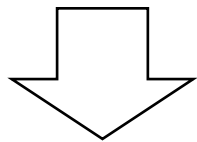
GLP-1 ↑

insulin ↗

glucagon ↘

gastric emptying ?

body weight ?



blood glucose ↓

*GLP-1-independent (extra-pancreatic) pathway ??*

hepatic glucose output ↓

peripheral glucose uptake ↑

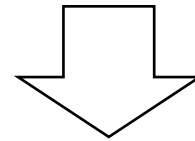
glycogenesis ↑

gluconeogenesis ↓

glycolysis ↑

intestine glucose absorption ↓

Other unknown action



blood glucose ↓