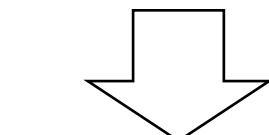
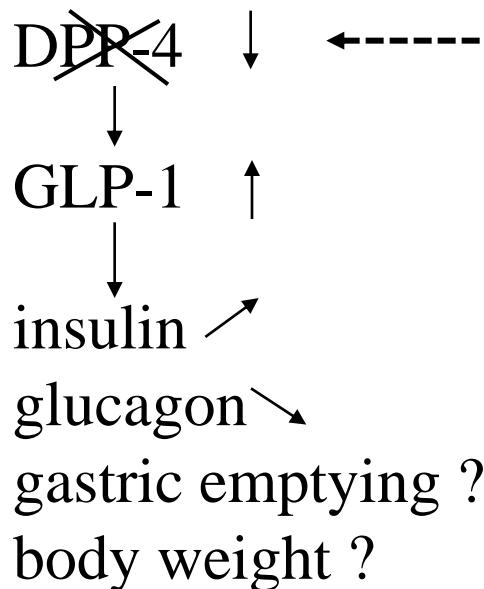


sitagliptin

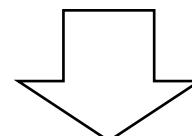
GLP-1-dependent pathway



blood glucose ↓

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

-
- ```
graph TD; DPP4[DPP-4] -.-> GLP1[GLP-1]; GLP1 -.-> HepaticOutput[hepatic glucose output ↓]; GLP1 -.-> PeripheralUptake[peripheral glucose uptake ↑]; GLP1 -.-> Glycogenesis[Glycogenesis ↑]; GLP1 -.-> Gluconeogenesis[Gluconeogenesis ↓]; GLP1 -.-> Glycolysis[Glycolysis ↑]; GLP1 -.-> IntestineAbsorption[Intestine glucose absorption ↓]; GLP1 -.-> Other[Other unknown action];
```
- hepatic glucose output ↓  
peripheral glucose uptake ↑  
glycogenesis ↑  
gluconeogenesis ↓  
glycolysis ↑  
intestine glucose absorption ↓  
Other unknown action



blood glucose ↓