

Effect of GLP – 1on heart after experimental ischemic/

Reperfusion injury in rats

Thesis

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Abstract

Glucagon-like peptide-1 (GLP-1) is an incretin hormone secreted by L cells of the small intestine in response to nutrient ingestion

GLP-1 has wide-ranging effects on glucose metabolism, including stimulation of insulin release, inhibition of glucagon secretion.

There is growing evidence that GLP-1 plays an important role in the cardiovascular system such as modulation of heart rate, blood pressure, vascular tone and myocardial contractility

Keywords: GLP-1, sitagliptin, Myocardial infarction, Reperfusion injury.