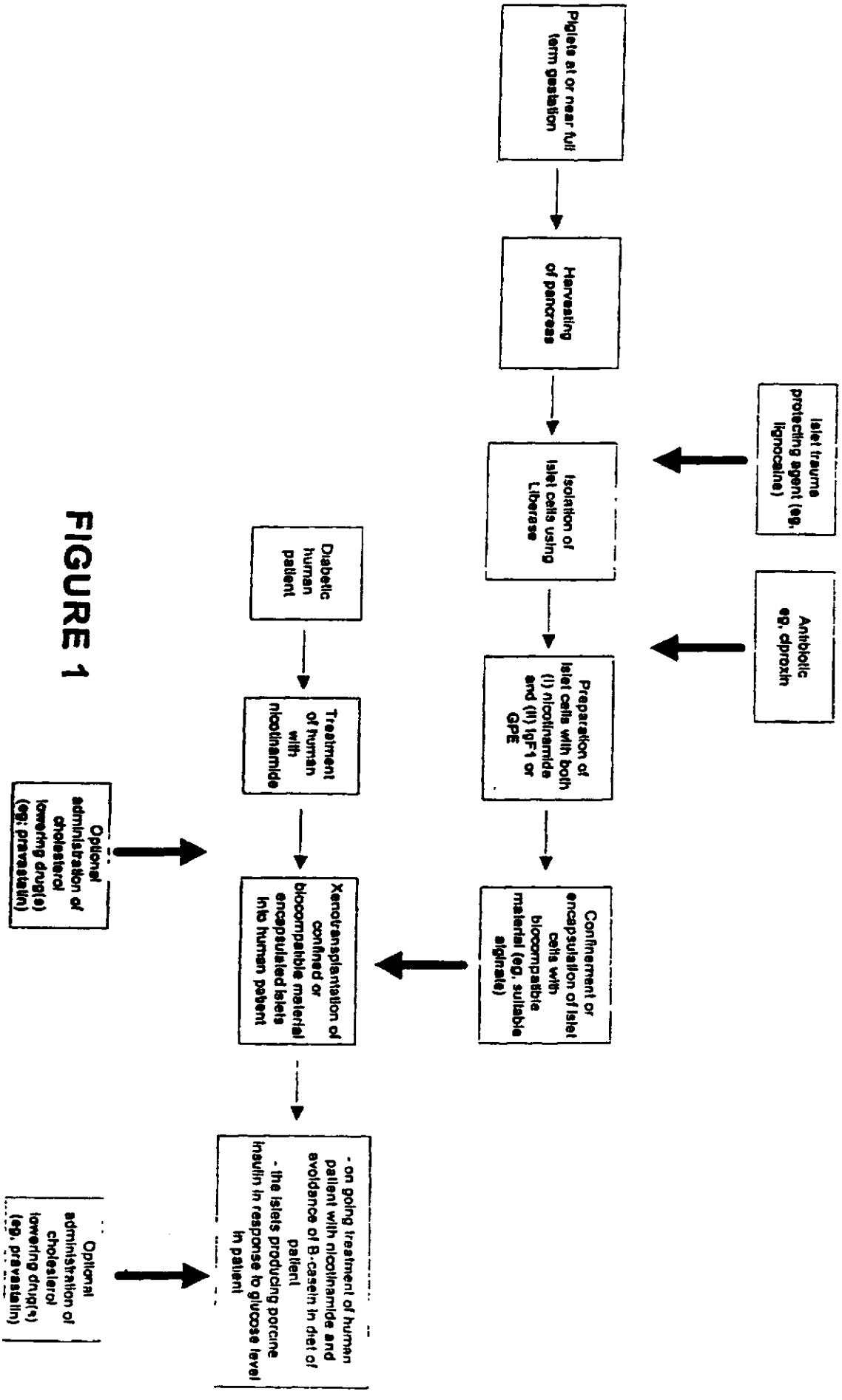

Piglets at or near full term gestation
Harvesting of pancreas
Islet trauma protecting agent (eg. lignocaine)
Isolation of islet cells using Liberase
Antibiotic eg. diproxin
Preparation of islet cells with both (i) nicotinamide and (ii) IgF1 or GPE
Confinement or encapsulation of islet cells with biocompatible material (eg. suitable alginate)
Diabetic human patient
Treatment of human with nicotinamide
Optional administration of cholesterol lowering drug(s) (eg: pravastatin)
Xenotransplantation of confined or biocompatible material encapsulated islets into human patient
- on going treatment of human patient with nicotinamide and avoidance of B-casein in diet of patient
- the islets producing porcine insulin in response to glucose level in patient
Optional administration of cholesterol lowering drug(s) (eg. pravastatin)

FIGURE 1

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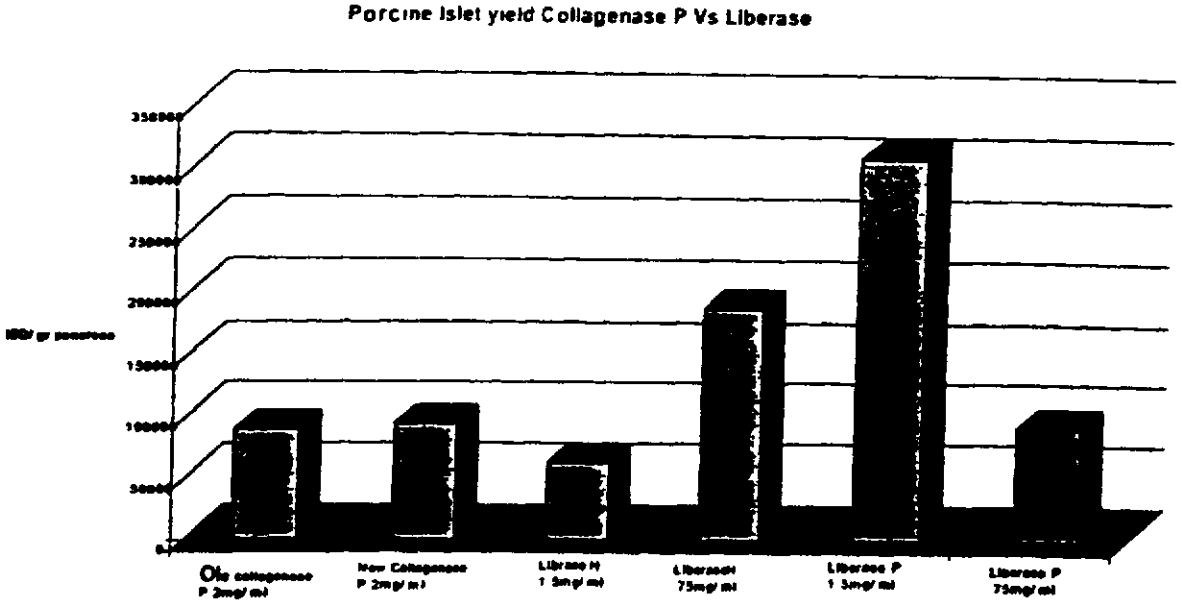


FIGURE 2

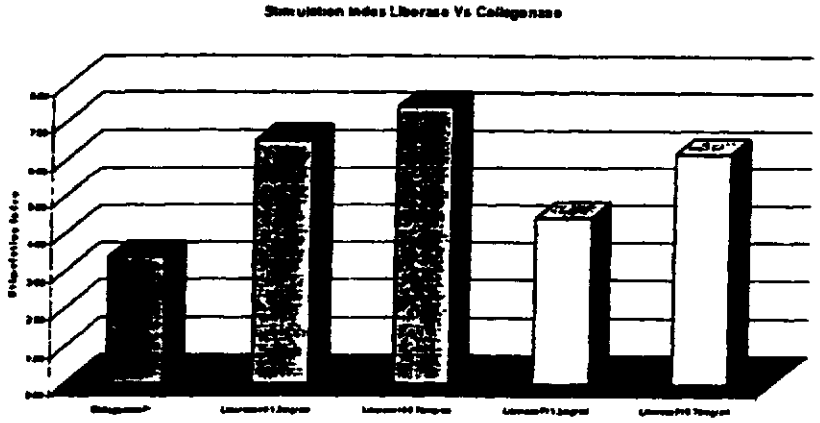
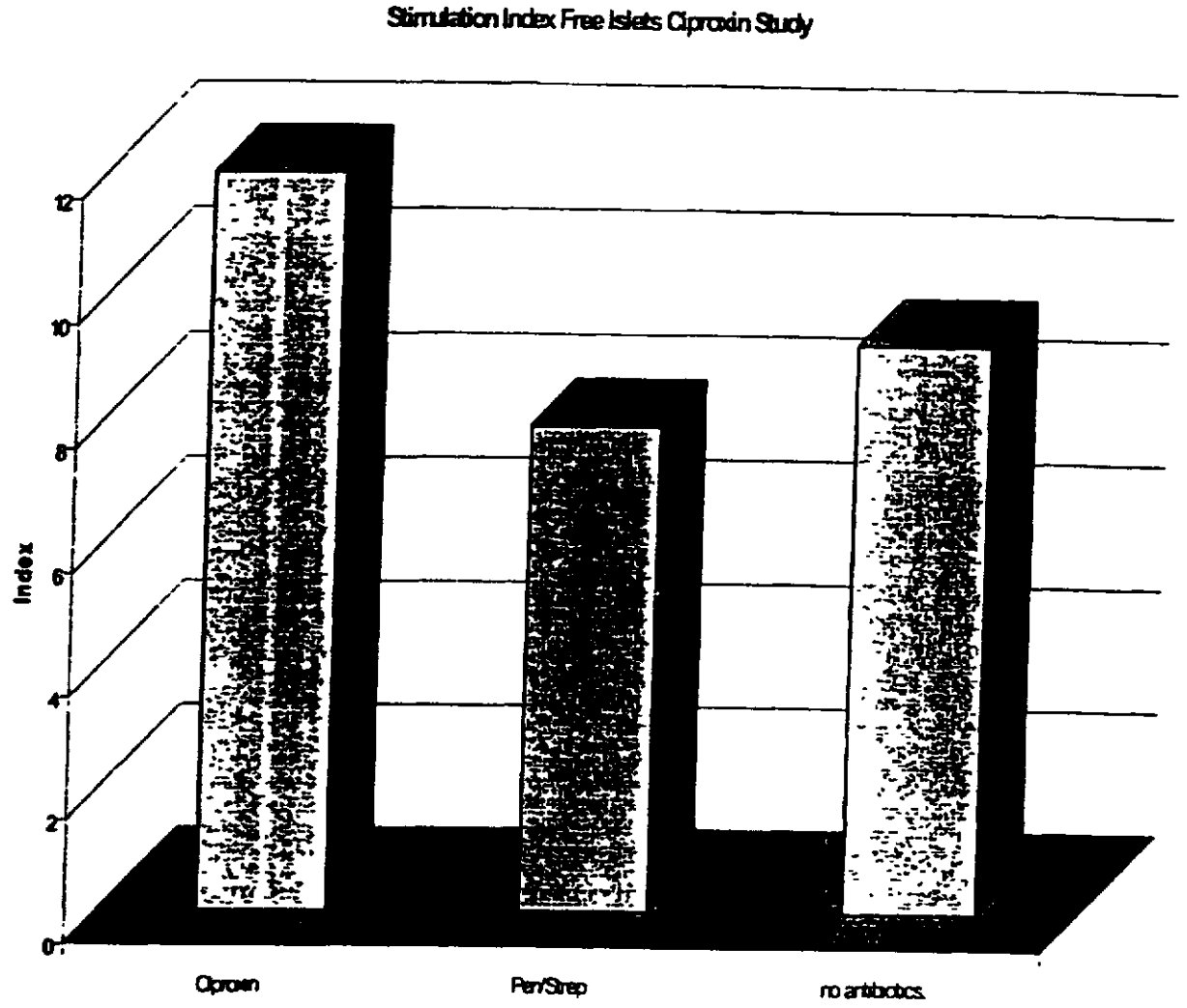


FIGURE 3

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FIGURE 4



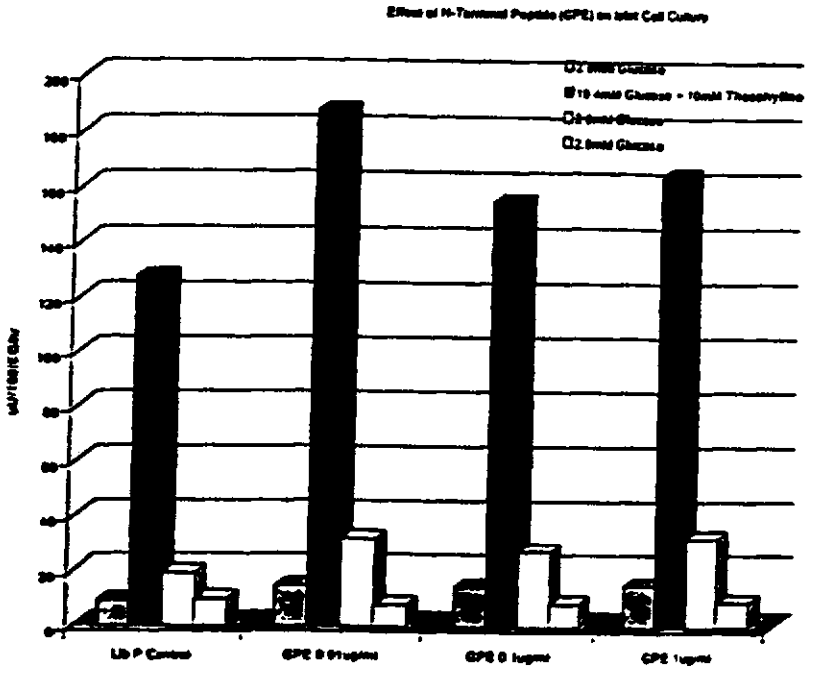


FIGURE 5