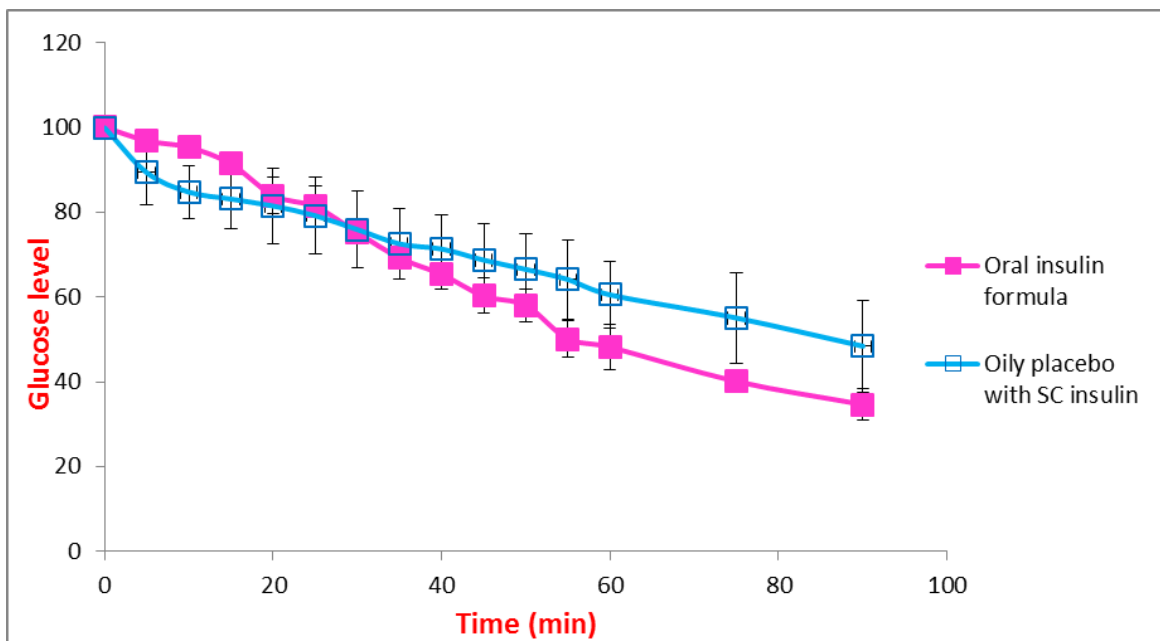


(Figure 3.15): Plot showing percentage of blood glucose levels of normal rats after in situ intestinal perfusion of oral insulin-loaded nanoparticles formula and oily placebo with SC insulin. (Data is as mean  $\pm$  SEM).



(Figure 3.16): Plot showing percentage of blood glucose levels of diabetic rats after in situ intestinal perfusion of oral insulin-loaded nanoparticles formula and oily placebo with SC insulin. (Data is as mean  $\pm$  SEM).