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# **corrosion behaviour of nickel alloys in aqueous media**

**dalia radwan mohamed**

Diabetes mellitus is a major problem in Egypt especially that little is known about the true picture of diabetes in terms of incidence and prevalence, accordingly diabetes is considered one of the under estimated public health problems. Also, obesity plays a big role in the etiology and prevalence of diabetes mellitus .The economic impacts of diabetes in Egypt are progressively increasing so there should be active steps to develop the optimum management.The aim of the present study is to investigate the effect of anti-diabetic drugs gliclazide (DIA) and rosiglitazone (AVA) and their combination (DIA+AVA) on body weight , haematological parameter (WBCs ,RBCs count ,Hb% and Ht) ,biochemical analysis ,hormonal assay and histopathological studies on liver ,pancrease and testis organs .and give spots on the side effect of AVANDIA drugs which are used as anti-diabetic drugs.This study was done in National Organisation of Drug Control and Research. on 100 Albino rats obtained from Kafer-El-Gabal Farm weighted about 180-200 g.The animals were divided into two-main groups, namely 1- Non-diabetic group2-- Diabetic group.Each group was divided into 4 subgroups according to treatment. 1- Non-diabetic group (Normal animals):I- Control group: animals were received 1 ml citrate buffer orally daily for 4 weeks.