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(54) Title of the invention : HEPATOPROTETIVE AND ANTIOXIDANT EFFECT OF PRUNUS ARMENIACA SEED

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(57) Abstract :

The present invention relates to the antioxidant and hepatoprotective activity of Prunus armeniaca seed. To check the hepatoprotective activity Aluminum sulphate (50 mg/kg, i.p) was administered to the animals. Ursodeoxycholic acid (250 mg/kg, p.o) was given to the standard group. Ethanoic extract of Prunus armeniaca seed (200 and 400 mg/kg p.o) were given to the treatment groups. Results showed that the animals treated with plant extract reduced the level of various biochemical parameter of the liver which are responsible for the liver toxicity such as SGOT, SGPT, ALP, TP, TB, DB, HDL, LDL, TC, ALP, TBL and DBL. The findings of the present study also suggested that ethanoic extracts of Prunus armeniaca seed, the plant could be a potential natural source of antioxidants and could have greater importance as therapeutic agent in preventing or slowing oxidative stress related degenerative diseases.

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