

ABSTRACT

Aflatoxin is the most common type of toxic mycotoxin found in foodstuffs and is a polysubstituted bifuranocoumarins which are fungal secondary metabolites produced by the parasiticus, flavus, and nominus groups of the genus Aspergillus, and the oxidative stress produced is hepatotoxic, nephrotoxic, mutagenic, teratogenic, genotoxic. , and immunotoxic. Bioactive compounds in eggplant can be useful in neutralizing reactive oxygen species by reducing lipid peroxide and damage to cellular organelles. Research on hepatoprotective tests of ethanol extract of eggplant shells at doses of 200, 400, and 600 mg/kgBB against toxic nephrotoxic AFBI, with observations of 50 male Wistar rats, which were divided into ten groups, by screening liver enzymes ALT, AST, ALP, and GGT. In conclusion, ethanol extract of eggplant peel at all doses has ameliorating and hepatoprotective activity.

Keywords: *Eggplant skin ethanol extract, AFBI, ALT, AST, ALP, GGT*