



Hepatoprotective activity of Kamilari

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GRIN Verlag Feb 2014, 2014. sonst. Bücher. Book Condition: Neu. 210x148x1 mm. This item is printed on demand - Print on Demand Neuware - Master's Thesis from the year 2012 in the subject Pharmacology, grade: A, Mahatma Ghandi University (University College of Pharmacy), course: M.Pharm, language: English, abstract: Polyherbal formulations available with a wide range of indications like hepatoprotective, appetite and growth promoters, gastrointestinal and hepatic regulator, as treatment for hepatic dysfunction, for hepatic regeneration as well as liver stimulant and tonic. Despite the widespread use, there is a lack of scientific evidence on their efficacy and safety. This study was designed to evaluate the effect of Polyherbal formulation Kamalri on oxidative stress and associated damages in carbon tetrachloride induced toxicity in Chang liver cells. The study is mainly focused on the evaluation of its antioxidant potential, invitro steatosis and intracellular localisation of reduced glutathione by Monochlorobimane(MCB) staining. Carbon tetrachloride induced toxicity in Chang liver cells was well manifested by significant decrease in cell viability, enhanced lipid peroxidation leading to tissue damage, decreased SOD, glutathione, glutathione peroxidase and glutathione S-transferase and increased deposition of fatty acid. MTT study revealed that Kamilari has got cytoprotective activity. It has got...



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