

Erratum for “Effect of aqueous leaf extract of *Thunbergia laurifolia* on alcohol-induced liver injury in rats”

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Erratum

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A wrong abstract was inadvertently published in the above article. This error is highly regretted. The correct abstract is published below.

Abstract

Purpose: To investigate the antioxidant and anti-inflammatory effects of aqueous leaf extract of *T. laurifolia* against alcoholic liver injury in rats.

Methods: Male Wistar rats were administered either normal saline, ethanol (EtOH), normal saline with low or high dose *T. laurifolia* leaf extract (TL-LD or TL-HD), EtOH with TL-LD or EtOH with TL-HD. Blood biochemical indices: hepatic malondialdehyde (MDA) levels, liver histopathology, hepatic cytochrome P450 2E1 (CYP2E1), nicotinamide adenine dinucleotide phosphate (NADPH) oxidase, and pro-inflammatory cytokines, including interleukin 1 beta (IL-1 β) and tumor necrotic factor alpha (TNF- α) mRNA expressions, were determined using standard methods.

Results: The leaf extract of *T. Laurifolia* decreased hepatic MDA levels, improved liver pathology and down-regulated mRNA expressions of CYP2E1, NADPH oxidase and pro-inflammatory cytokines in ethanol-treated rats.

Conclusion: These results demonstrate that aqueous extract of *T. Laurifolia* exerts hepatoprotective effect against alcoholic liver injury through a mechanism involving inhibition of oxidative stress and inflammation.

Keywords: *Thunbergia laurifolia*, Alcohol, Liver injury, Oxidative stress, inflammation, Protection

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