

Kim and colleagues published their study in *Phytotherapy Research* (Antioxidative effects of 7-hydroxy-3-methoxy-cadalene extracted from *Zelkova serrata* on 4-(Methylnitros amino) 1-(3-pyridyl)-1-butanone-induced oxidative stress in A/J mice. *Phytother Res*, 2004;18 (5):425-427).

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Publisher contact information for the journal *Phytotherapy Research* is: John Wiley & Sons Ltd., the Atrium, Southern Gate, Chichester PO19 8SQ, W Sussex, England.

The information in this article comes under the major subject areas of Complementary and Alternative Medicine, Tumorigenesis, and Lung Cancer.

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Complementary & Alternative Medicine

Ocimum extract and its flavonoids do not protect solid tumors

2004 AUG 20 - (NewsRx.com) -- "Ocimum leaf extract and its flavonoids orientin and vicenin protect normal tissues against radiation injury at nontoxic doses. For application in cancer patients, they should not protect tumors," researchers in India report.

"Effect of extract (50 mg/kg) was studied on mouse fibrosarcoma treated with radiation (10 Gy), cisplatinum (5 mg/kg) and withaferin A (40 mg/kg) by lung colony assay.

"Effect of orientin and vicenin (50 mug/kg) was studied on fibrosarcoma and B16F1 melanoma treated with radiation (30 Gy) or cyclophosphamide (300 mg/kg) by tumor regression and mouse survival," wrote P.U. Devi and coauthors.

"Neither the extract nor flavonoids gave any protection to tumors," Devi concluded, "suggesting that they are suitable for normal tissue protection in cancer therapy."

Devi and colleagues published their study in *Current Science* (Lack of solid tumour protection by Ocimum extract and its flavonoids orientin and vicenin. *Curr Sci*, 2004;86 (10):1401-1404).

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The information in this article comes under the major subject areas of Complementary and Alternative Medicine, Immunology, Radiation, and Oncology.

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