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Jatamansi : A Source Against Lung and Colon Cancer Cells

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ABSTRACT : *In vitro* assay for cytotoxic activity of *Nardostachys jatamansi* has been carried out against eight human cancer cell lines from six different tissues via 95 per cent methanolic and aqueous extract at the concentration of 100 µg/ml using Sulphorhodamine blue (SRB) assay. Results revealed that methanolic extract from the stem leaves of *N. jatamansi* showed highest *in vitro* cytotoxic effect against four human cancer cell lines (A-549, COLO-205, SW-620, NCI-H322) from lung and colon origin. Based on *in vitro* data, it is suggested that further *in vivo* studies as well as identification of effective components from methanolic extract and their exact mechanism of action could be useful in designing new anticancer therapeutic agents.

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