SUMMARY AND CONCLUSION
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The activity of two medicinal plants, namely, *Ludwigia prostrata* Roxb. and *Hibiscus vitifolius* L. on Dalton’s Ascitic Lymphoma (DAL) a type of cancer, was studied in the present investigation. Methanolic extracts of root, stem, leaf and seed of *L. prostrata* and the flower petal extracts (flavonoid) of *H. vitifolius* were used for the experiment.

Dalton’s Ascitic Lymphoma was induced in Swiss Albino mice intraperitonially. The cancer induced mice were treated with two different concentrations of the root, stem, leaf and seed extracts of *L. prostrata* and the flavonoid (flower petal extract) of *H. vitifolius* were used for the experiment.

Life span of the treated mice and the haematological parameters like haemoglobin, RBC, WBC, protein, PCV and differential counts were studied for the extracts of both the plants. The same parameters were studied in normal and 5-Fluoro Uracil (standard drug) treated mice. The results were critically analysed.

In *L. prostrata*, the methanolic extract of the seeds were found to contain the phytochemicals like carbohydrate, glycoside, fixed oil, alkaloid, flavonoid and fatty acids. This extract has been found to show the highest antitumour activity (152% at 100 mg/kg) and the flavonoids from the flower petals of *H. vitifolius* showed the activity of 124% at 100 mg/kg in the life span experimental studies.

The haematological and cytological studies also prove the regression of cancer and increase in the life span of mice significantly.
All the extracts of *L. prostrata* and the flavonoid of *H. vitifolius* showed anticancer activities. They increased the life span of mice considerably. The seed extract of *L. prostrata* was found to have more anticancer activity when compared with other extracts and the activity was found to be nearer to the activity of the standard drug 5-FU. Hence this herbal drug has been found to be a suitable drug for cancer therapy. If this drug is standardised and developed by modern technology, it can save the humanity from the clutches of cancer.