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Cytotoxic activity of some Libyan medicinal plants against human breast cell lines MCF-7 and colon cell lines HCT-116 *in vitro*

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Breast cell carcinoma is a serious public health issue in Libya with increasing incidence and mortality rates. The present study aimed to investigate the cytotoxic activities of crude ethanol extracts of a total of 4 plants used in Libyan folklore medicine against breast and colon carcinoma. Cytotoxic activities of the plant extracts against the cancerous cell lines compared with normal cell line were assessed using Sulfo-rhodamine-B assay method. The extracts from four plant species (*Capparis spinosa*, *Juniperus phoenicea*, *Ruta graveolens* and *Artimisia herba alba*) which are growing in Al-Jabal Al-Akhdar in Libya exhibited promising activity against breast cell lines MCF-7 and colon cell lines HCT-116 *in vitro*.

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