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THE EFFECT OF SELECT BERRY EXTRACTS ON THE GROWTH OF LNCAP, A CELL LINE
FROM PROSTATE CANCER

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Many alternative cancer preventive measures and cures have been proposed; however, many of these remain untested. These alternative therapies involve natural products, including certain plant juices, seed extracts, and skin preparations. We have obtained certain extracts from 3 different berries and have tested these for effects on cancer cell proliferation *in vitro*, using a cancer cell line derived from prostate cancer, LnCAP, obtained from ATTC. We have observed a dose-dependent inhibition of LnCAP cell growth using freshly reconstituted powder extract using two of the berries and a berry mixture, but a third berry extract did not affect cell growth. We have also found that if the extract is not used fresh, there may be an augmentation of cell growth. Efforts to characterize the active factors found in the berry extracts are continuing.