

# Effect of dietary flaxseed on the growth, recurrence and metastasis of human breast cancer cells

National Library of Canada - Verminoside from *Pseudolysimachion rotundum* var. *subintegrum* sensitizes cisplatin



Description: -

-effect of dietary flaxseed on the growth, recurrence and metastasis of human breast cancer cells

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## Flaxseeds and Breast Cancer

Collectively, these data suggested that the combination treatment of cisplatin with NC13 or Vms enhanced the suppression of the EMT phenotype in both MDA-MB-231 and MCF7 cells, partly through suppression of the EMT process. Tamoxifen binds with estrogen receptors, without activating growth in breast cancer cells. After antigen unmasking with a citrate-based buffer and hydrogen peroxide treatment, sections were incubated with primary antibodies against Ki-67, followed by Biotin-rabbit IgG and streptavidin-HRP.

## Dietary walnut altered gene expressions related to tumor growth, survival, and metastasis in breast cancer patients: a pilot clinical trial

Flaxseed products have also been shown to reduce blood pressure. The scientists found that men in the flaxseed groups showed significant lower proliferation rates and lowers rates of Ki-67-positive cells.

## Flax Hull Lignans May The The Most Promising Anti

Globally, breast cancer is one of the most common cancers and a leading cause of cancer deaths, especially in westernized countries.

## Flaxseed and its components reduce metastasis after surgical excision of solid human breast tumor in nude mice

A 10% flax diet is strongly equal to a human diet containing about 20-25 g or 2-3 tbsp of milled flax daily. However, several participants reported symptoms of low libido or erectile dysfunction, though no differences were observed between study arms for this or any other side effects.

## The inhibitory effect of flaxseed on the growth and metastasis of estrogen receptor negative human breast cancer xenografts is attributed to both its lignan and oil components

Participants also received written and verbal instruction on meal planning, food preparation, shopping, and dining.

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