

### **Moringa Oleifera Kills 97% of Pancreatic Cancer Cells in Vitro...**

Clara Johnson September 24, 2017 cancer, Cancer Cure

<http://healthfitnessfor-all.info/2017/09/moringa-oleifera-kills-97-of-pancreatic-cancer-cells-in-vitro/>

Moringa Oleifera Kills 97% of Pancreatic Cancer Cells in Vitro: A hot-water extract of moringa leaves was shown to kill up to 97% of human pancreatic cancer cells (Panc-1) after 72 hours in this study. Moringa, also called the “miracle tree,” has a long history of use in traditional and Ayurvedic medicine due to its many beneficial properties as an anti-fungal, anti-bacterial, antidepressant, anti-diabetes, pain and fever reducer and even relief from asthma. But it also contains numerous powerful anti-cancer compounds such as kaempferol, rhamnetin, isoquercetin and others. Latest research is now proving out moringa’s anti-cancer potential with positive results so far against ovarian cancer, liver cancer, lung cancer, and melanoma. Moringa is now extensively cultivated throughout Southeast Asia, Oceania, the Caribbean and Central America, but the largest crop in the world is produced by India – where it grows natively. That may be one reason why the death rate from pancreatic cancer in India is a stunning 84% lower than in the United States.

### **Moringa Oleifera aqueous leaf extract down-regulates nuclear factor-kappaB and increases cytotoxic effect of chemotherapy in pancreatic cancer cells...**

Berkovich L1, Earon G, Ron I, Rimmon A, Vexler A, Lev-Ari S.

<https://www.ncbi.nlm.nih.gov/pubmed/23957955>

**BACKGROUND:** Fewer than 6% patients with adenocarcinoma of the pancreas live up to five years after diagnosis. Chemotherapy is currently the standard treatment, however, these tumors often develop drug resistance over time. Agents for increasing the cytotoxic effects of chemotherapy or reducing the cancer cells' chemo-resistance to the drugs are required to improve treatment outcome. Nuclear factor kappa B (NF- $\kappa$ B), a pro-inflammatory transcription factor, reportedly plays a significant role in the resistance of pancreatic cancer cells to apoptosis-based chemotherapy. This study investigated the effect of aqueous Moringa Oleifera leaf extract on cultured human pancreatic cancer cells - Panc-1, p34, and COLO 357, and whether it can potentiate the effect of cisplatin chemotherapy on these cells.

**METHODS:** The effect of Moringa Oleifera leaf extract alone and in combination with cisplatin on the survival of cultured human pancreatic cancer cells was evaluated by XTT-based colorimetric assay. The distribution of Panc-1 cells in the cell cycle following treatment with Moringa leaf extract was evaluated by flow cytometry, and evaluations of protein levels were via immunoblotting. Data of cell survival following combined treatments were analyzed with Calcsyn software.

#### **RESULTS:**

Moringa Oleifera leaf extract inhibited the growth of all pancreatic cell lines tested. This effect was significant in all cells following exposure to  $\geq 0.75$  mg/ml of the extract. Exposure of Panc-1 cells to Moringa leaf extract induced an elevation in the sub-G1 cell population of the cell-cycle, and reduced the expression of p65, p-I $\kappa$ B $\alpha$  and I $\kappa$ B $\alpha$  proteins in crude cell extracts. Lastly, Moringa Oleifera leaf extract synergistically enhanced the cytotoxic effect of cisplatin on Panc-1 cells.

**CONCLUSION:** Moringa Oleifera leaf extract inhibits the growth of pancreatic cancer cells, the cells NF- $\kappa$ B signaling pathway, and increases the efficacy of chemotherapy in human pancreatic cancer cells.

## 10 Effective Natural Remedies To Treat Pancreatic Cancer...

October 30, 2017 by Ameya C

<http://www.stylecraze.com/articles/effective-natural-remedies-to-treat-pancreatic-cancer/>

Are you taking treatment for pancreatic cancer? Or do you just want to prevent yourself from becoming its victim? Whatever it is, in today's polluted world and environment, arming ourselves against deadly diseases like cancer is a must. And pancreatic cancer is one of the most virulent forms of cancer. What makes it so devastating is its ability to go undetectable, showing no symptoms. So, unless you prepare and shield yourself, you might not escape from its clutches. Are there any home remedies that can help prevent pancreatic cancer? Yes, there are! And if you want to know more about pancreatic cancer and the home remedies that can help prevent it, then this post is a must-read for you!

### What Causes Pancreatic Cancer?

Pancreatic cancer can be caused by a multitude of reasons. The causes of pancreatic cancer remain shrouded in mystery. However, there are certain habits that can increase your chances of contracting the disease, like smoking or chewing tobacco. If you suffer from frequent pancreatic disorders, you are more likely to contract pancreatic cancer.

Although none of these remedies are permanent cures, some pancreatic cancer natural remedies include:

1. **Broccoli:** This cruciferous vegetable is an effective remedy for pancreatic cancer. It contains many antioxidants that eliminate carcinogenic free radicals. It is also rich in phytochemicals that also attack cancer cells. Broccoli is also a great detoxifier for the blood .
2. **Red Grapes:** Grapes, specifically red ones, help provide relief from many pancreatic disorders, most notably, pancreatitis. Grapes also contain proanthocyanidins. The proanthocyanidins help reduce estrogen production and help cure diseases like pancreatic cancer and lung cancer .
3. **Green Tea:** Green Tea has long been mooted as one of the most popular natural remedies. Green tea is entirely herbal and is crammed with antioxidants that have free radical killing characteristics. Having a cup of green tea daily can help cure pancreatic cancer. An independent study in Japan found that people who had around three cups of green tea daily had a reduced risk of contracting pancreatic cancer .
4. **Aloe Vera:** Aloe Vera is one of the most soothing plants. It is especially good for inflammatory disorders and it also helps relieve pancreatic and prostate cancer. Have fresh Aloe Vera gel once daily to keep pancreatic cancer in check .
5. **Fresh Fruit Juice:** Drinking fresh fruit juice can be quite beneficial for you, if you suffer from cancer. Fresh fruit juices contain many essential vitamins and minerals that help fight cancer and prevent it as well. Typically, apples, cherries, mangoes, oranges are the most beneficial fruits for you. Juices also help boost your immunity and taste great as well. They have antioxidants that attack carcinogenic free radicals and pathogens .
6. **Lycopene:** Lycopene is the best natural remedy for pancreatic cancer. Lycopene is commonly found in watermelons, apricots and guavas. Lycopene is especially effective on stomach and pancreatic cancers and you should consider consuming lycopene rich fruits daily to prevent and treat pancreatic cancer).
7. **Soya Bean:** Soya bean inhibits the cancerous cells from utilizing estrogen. It has been known to be extremely effective in fighting cancer. You should eat soya bean sprouts or cook soya bean to prevent and cure pancreatic and breast cancer. Soya bean is rich in anticarcinogenic enzymes (7).
8. **Ginseng:** Ginseng is one of the most undermined herbs. It is known to increase immunity and help treat pancreatic cancer. It is one of the best natural remedies for pancreatic cancer
9. **Maitake Mushroom:** These mushrooms have been proved to be useful in the treatment of pancreatic cancer. Maitake mushrooms not only help reduce and ease the violent troubles

*PANCREAS CANCER FACTORS ... excerpts via: FactorReady.com...*

caused by radiotherapy and chemotherapy, but also help improve the efficacy of chemotherapy.

10. Wheatgrass: Another naturally occurring herb, wheatgrass is one of the best pancreatic cancer home remedies. It stops the development of the cancerous cells. Wheatgrass has also been known to boost our immunity and remove toxins from our body.

Remember that these are home remedies and cancer treatments cannot be substituted with these. The ideal thing to do is use these pancreatic cancer natural remedies along with your cancer treatment.

PS from [FactorReady.com](http://FactorReady.com): Dandelion Root Tea is also reportedly helpful with pancreas issues. See Herbal Teas-vs-Cancer pdf article under Downloads (in Health Tips folder). Also visit [CancerTutor.com](http://CancerTutor.com) and especially review the Collect-Budwig Protocol concerning pancreas related cancers. Also, see our "Enzyme Therapy and Cancer" pdf article concerning Nicholas Gonzalez, M.D. or visit...[http://www.dr-gonzalez.com/history\\_of\\_treatment.htm](http://www.dr-gonzalez.com/history_of_treatment.htm)...Note: Dr. Gonzalez passed away in July of 2015. His important work with pancreas cancer and enzymes has continued with Dr. Linda L. Isaacs at [drlinda.com](http://drlinda.com). Stay Prepared, Stay Well and Say Prayed Up !

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