

# Re: Cancer Cure?

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*Source:* <http://sci.tech--archive.net/Archive/sci.med.diseases.cancer/2005-12/msg00045.html>

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- *From:* "kumar" <lordshiva5753@xxxxxxxxxxxxxxxx>
  - *Date:* 19 Dec 2005 02:51:09 -0800
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Since DNA damages and its repair is normal cellular mechanisms, Have/Can't it be pursued? Can there be changes in cells structure membrane etc. pre- cancerous mutations to get mutations? What changes cells can experience before becoming cancer cells in its structure other than DNA damages for cancer? Whether hyper/hypo tonicity of body fluid can be related change in morphology of cells resulting into cancerous mutations?

kumar wrote:

> "Cancer Causes

> Tumors are caused by mutations in DNA of cells. An accumulation of  
> mutations is needed for a tumor to emerge. Mutations that activate  
> oncogenes or repress tumor suppressor genes can eventually lead to  
> tumors. Cells have mechanisms that repair DNA and other mechanisms that  
> cause the cell to destroy itself by apoptosis if DNA damage gets too  
> severe. Mutations that repress the genes for these mechanisms can also  
> eventually lead to cancer. A mutation in one oncogene or one tumor  
> repressor gene is usually not enough for a tumor to occur. A  
> combination of a number of mutations is necessary.

>

> DNA microarrays can be used to determine if oncogenes or tumor  
> repressor genes have been mutated. Possibly in the future tumors can be  
> treated better by using DNA microarrays to determine the exact  
> characteristics of the tumor.

> <http://en.wikipedia.org/wiki/Tumor> "

>

> "Tumor antigens

> Tumor antigens are those antigens that are presented by the MHC I  
> molecules on the surface of tumor cells. These antigens can sometimes  
> be presented only by tumor cells and never by the normal ones. In this  
> case, they are called tumor-specific antigens and typically result from  
> a tumor specific mutation. More common are antigens that are presented  
> by tumor cells and normal cells, and they are called tumor-associated  
> antigens. Cytotoxic T lymphocytes that recognized these antigens may be  
> able to destroy the tumor cells before they proliferate or metastasize.

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> Tumor antigens can also be on the surface of the tumor in the form of,  
> for example, a mutated receptor, in which case they will be recognized  
> by B cells.

> [http://en.wikipedia.org/wiki/Antigen#Tumor\\_antigens](http://en.wikipedia.org/wiki/Antigen#Tumor_antigens) "

## Re: Cancer Cure?

- >
- > Hello,
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- > The following two factors as mentioned in above links are important for
- > reversal of cancer cells or cancer cure:–
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- > "Cells have mechanisms that repair DNA and other mechanisms that cause
- > the cell to destroy itself by apoptosis if DNA damage gets too severe.
- > Mutations that repress the genes for these mechanisms can also
- > eventually lead to cancer."
- >
- > "Tumor antigens are those antigens that are presented by the MHC I
- > molecules on the surface of tumor cells. These antigens can sometimes
- > be presented only by tumor cells and never by the normal ones. In this
- > case, they are called tumor–specific antigens and typically result from
- > a tumor specific mutation.."
- >
- > I want to know that:–
- >
- > 1. Can cancer cells be mediated/encouraged to reverse/suppress their DNA
- > damages? If yes, how?
- >
- > 2. Can cancer cells be mediated/encouraged to produce tumor–specific
- > antigens or mutations/cancer specific antigens? How?
- >
- > In short I want to know the possibilities of that, can cancer or
- > malignancies be reversed by any mean instead of killing cancer cells by
- > medical aid?
- >
- > Best wishes.

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- **References:**

- ◆ **Cancer Cure?**

- ◇ From: kumar

- Prev by Date: **Re: A wart or something else?**
- Next by Date: **Re: Wait times in Ontario (Canada) – crossposted to several cancer newsgroups**
- Previous by thread: **Cancer Cure?**
- Next by thread: **A wart or something else?**
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