



Stella Maris Clinic

Metabolic Therapies **For Healthful Living**



Tumor Cell Resistance



- DNA Mutation
- Protein Coat (Sialic Acid)
- If we can stimulate immune response and decrease the tumor cell resistance we can effectively attack cancer cells.



Hyperthermia

Destroying tumor cell resistance. WBH, 37-42 C, Changing the tumor proteins from body own to body foreign, allowing the tumor to be recognized from the body's own immune system.

- Accelerates cell apoptosis and kills cancer cells directly.
- Inhibits growth of tumor blood vessels and metastasis.
- Enhances the effects of chemotherapy and radiotherapy
- Protects bone marrow.
- Improves the immune function.

Hyperthermia indications:

For patients with isolated metastasis

Adjuvant treatment in oncology

Malignant Lymphomas

Immunological efficiency against tumor cells

Thermal regulation, often disrupted by cancer, can be unblocked.

Infectious disease.

Chronic viral infectious.

Hepatitis C.



Insulin Potentiation Therapy

IPT is insulin potentiation therapy, a non-diabetic use of the hormone insulin to dramatically improve effectiveness and delivery of standard medications.



Detoxification

Toxins enter the body from various sources like our environment, food, contaminated water, medical treatments like chemotherapy and radiation.

Caffeine stimulation of bile secretion is an important part of detoxification:

- Restores the alkaline condition of the small intestine.
- Improves the absorption of enzymes, vitamins, and nutrients.



OPTIMIZING the intestinal absorption

- Aminoacids.
- Enzymes
- Vitamins
- Nutrients



Antioxidants

- Vitamins A, C, E.
- IP6 (Inositol)
- Selenium
- Beta Carotenes
- Oxygen Therapy:
 - I.V. Ozone
 - Hiperbaric Therapy
- Alpha Lipoic Acid



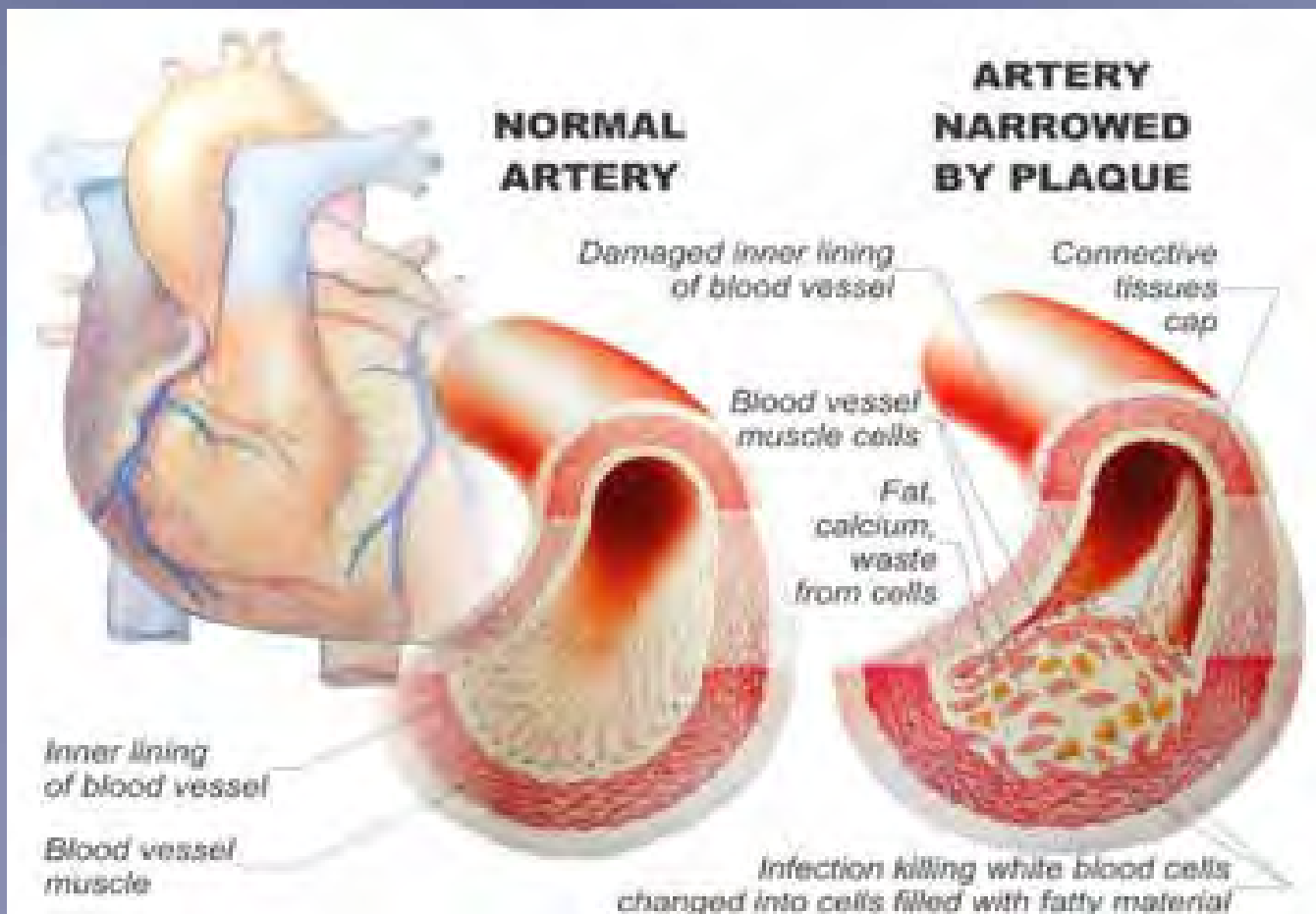
Ozone Therapy

- **DEACTIVATION** of bacteria, virus and fungi.
- Enhancement of **CIRCULATION**
- Stimulation of **OXYGEN METABOLISM.**
- **IMMUNE SYSTEM** enhancer



Chelation Therapy

- It cleans the arterial circulatory system from calcium deposits.
- Enhances the oxygen transport into cells.
- Sodium alginate.
- DMSO
- EDTA



Nutritional Support

The body's own arsenal of enzymes is used by limiting the amount of animal protein.

By overeating animal protein, the body's own proteolytic enzymes are used up in the food instead of fighting cancer cells.



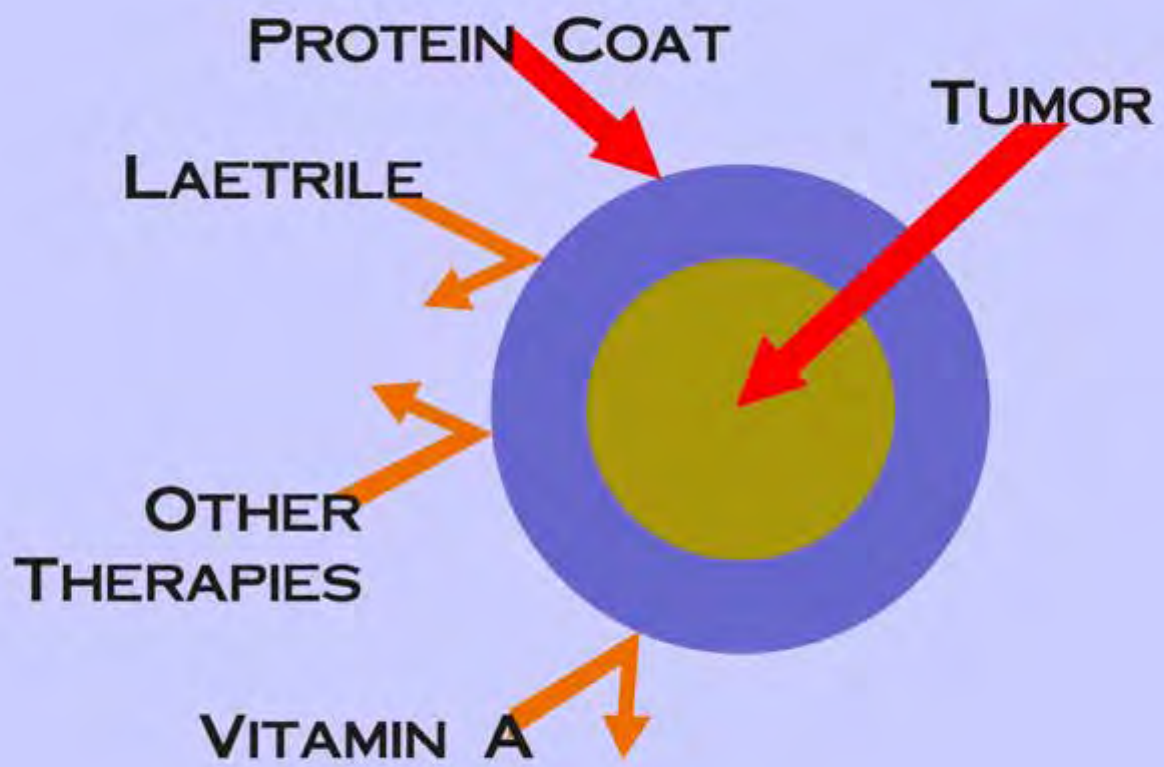
Proteolytic Enzymes

Cancer cells are surrounded by a type of protein coating that is destroyed by proteolytic enzymes.

Enzymes are more important than vitamins and minerals for general health. Without enzymes, vitamins and minerals are useless. Enzymes are catalysts for metabolic processes and digestion. A catalyst initiates a chemical process without being part of the resultant product.

Proteolytic enzymes or protease can be used, in part, to digest complete proteins that are in meat. Yet, outside of meals, they have been harnessed for a multitude of healing processes, sometimes exclusively and sometimes in conjunction with other therapies. When not used for digestion in the small intestines, these enzymes are free to roam through the blood stream seeking to break down hard protein, fibrin surfaces, scar tissue, granuloma, and even cancer cells' tough coatings.





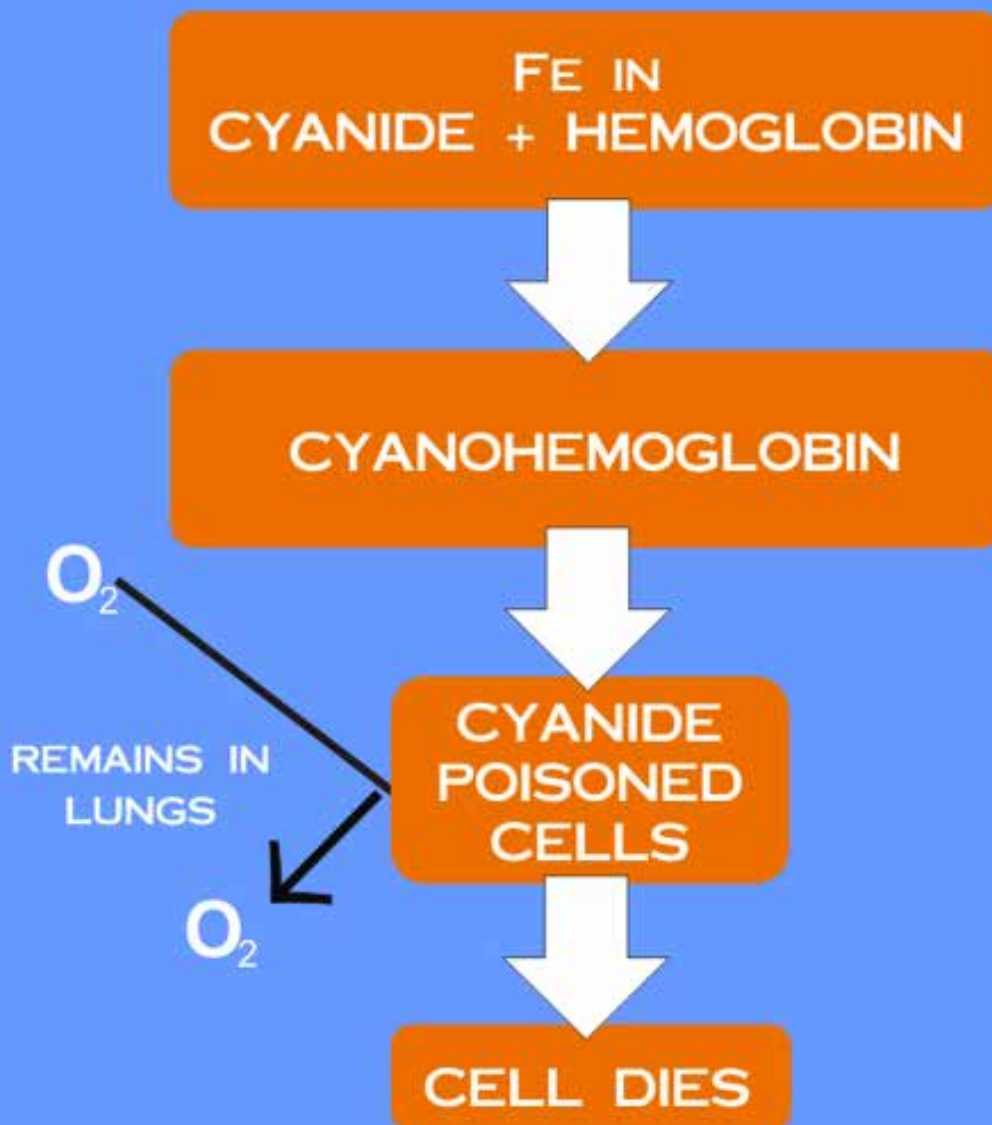
Amigdalyn (B17)

Amigdalyn is a special compound that acts directly on cancerous cells. It is extracted from the apricot kernels. The most important part of its molecular composition is hydrocyanic, an anti-cancerous compound. Beta glucosidase is an enzyme mostly present in tumor cells.

This enzyme will be breaking down the amigdalyn molecules (glucose, benzaldehyde and cyanide) triggering the action of the hydrocyanic acid (cyanide) into the cancer cell. Hence this free cyanide will be poisoning the cancer cell. Normal cells are mostly deficient on this beta glucosidase enzyme; therefore the amigdalyn will not be broken down into its molecular components.

Otherwise, normal cells contain an enzyme called rhodanese, which catalyzes the reaction and binds any free cyanide to sulfur, eventually converted to a cyanate, which is a neutral, non toxic substance passed out in the urine.



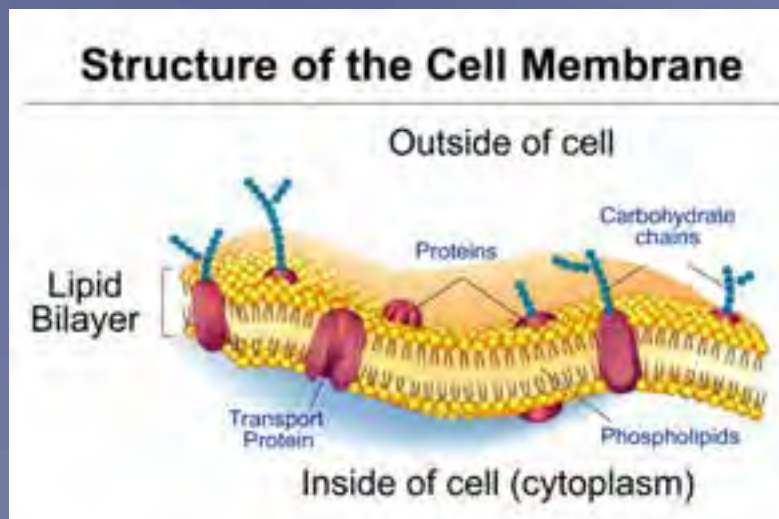


DMSO

One of the remarkable features of DMSO is its ability to cross the membranes

Dimethyl Sulfoxide was discovered by Dr. Alexander Zaizeff in Russia, 1866 as a very potent anti inflammatory with analgesic properties. Eventually, Dr. Stanley Jacob and Dr. Herschiller in 1966 discovered the broad therapeutic spectrum of DMSO. Among them is its role as a chelating agent as well as a catalyst of the entry of compounds across the blood brain barrier.

It is also a very potent transporter. It has the ability to carry important biologic natural weapons into the cell without altering the integrity of the cellular membranes. It is administered through a slow IV drip during the patient's booster treatment. There are no side-effects with the exception of a certain transient oyster or garlic odor.



Ascorbic Acid (Vitamin C)

Vitamin C inhibits tumor growth, helps the production of interferon, and halts the progression of carcinogenic n-nitrosous compounds. These nitrosous compounds are mostly present in food preservatives, smoked fish, bacon, etc.

They are strongly linked to stomach and colon cancer. During the patient's booster treatments at Stella Maris Clinic, mega dosages of ascorbic acid is diluted in a solution and administered through a slow intravenous drip.



Immunomodulators

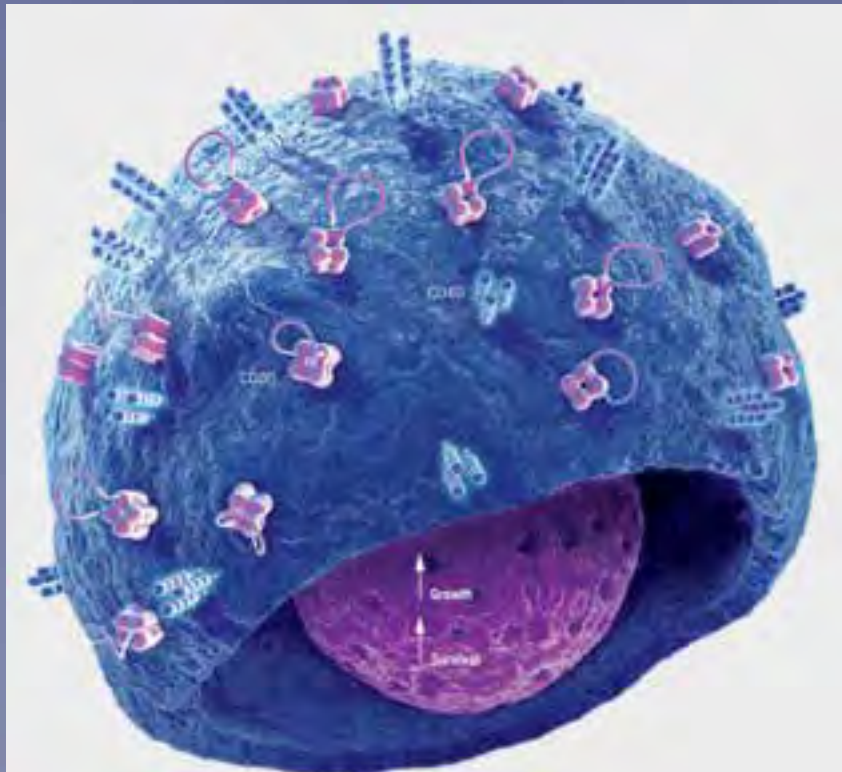
Is the combined product of several disciplines: Biology, Genetics, immunology and Pharmacology, Medicine and Nursing to mention a few.

The BRMs have the following therapeutic effect:

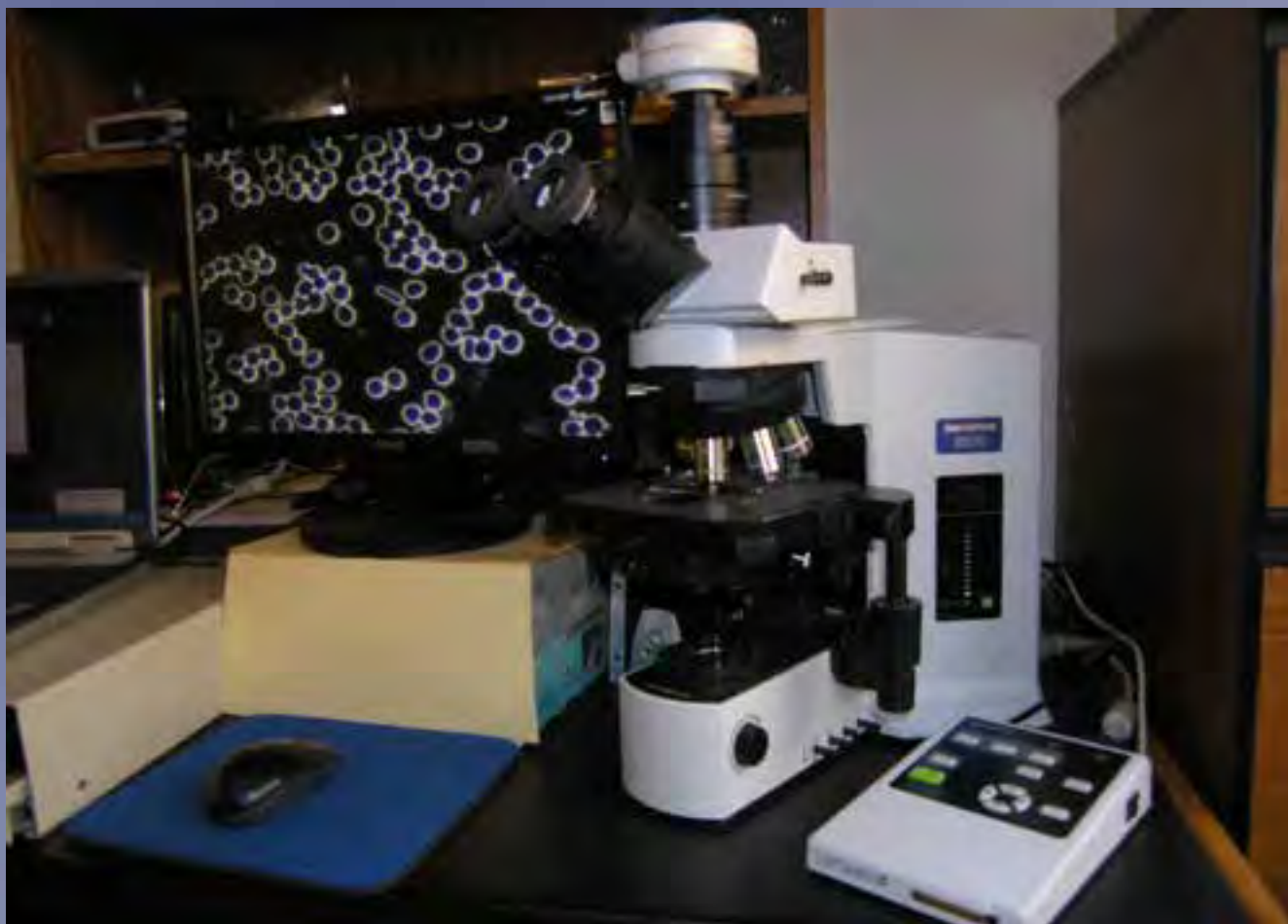
- Regulation and /or augmentation of the immuneresponse.
- Cytotoxic or cytostatic activity directed toward cancer cells.
- Inhibition of metastasis (cancer spreading to other sites), differentiation or maturation.
- Immune regulation and immune restoration.
- Improved tolerance of normal cells to anticancer therapy.
- Direct antitumoral effects.

Over the last two decades, medical technology has developed a group of agents whose primary site of action is the immune system. Collectively known as Biological response modifiers (BRMs), these agents now comprise the fourth type of cancer therapy. BRM therapy, also known as immunotherapy, has been widely publicized and patients in a variety of settings are asking about this new treatment modality.

The immune system is an intricate biological infrastructure that distinguishes self (the tissue and organs of the body) from nonself (microorganisms, toxins, transplanted tissues and cancer cells). Failure of the immune system to make this distinction may be responsible for autoimmune diseases (when self is recognized as nonself) and the initiation.



Mycoplasma interaction at the Immune System



Autologous Vaccine

Covers the lymphocyte membranes masking its receptors, therefore depressing IR

It attaches itself to the transformed cells, masking to the present antigens therefore inhibiting its recognition by the IS



Autologous Vaccine

Mycoplasma may alter different cell functions:

- Suppresses the lymphoid cell functioning.
- Suppresses the macrophages and phagocytes activity.
- Induces toxicity on lymphocytes.
- Activates NK cells.
- Induces the production of alpha & gamma interferon



Dendritic Cell Therapy

Dendritic Cells are bone-marrow derived professional antigen presenting cells. DC's have the ability to induce primary T-cell-dependent immune responses in-vivo and in-vitro.

This unique feature gives dendritic cells a central role in controlling immunity.

Dendritic cells are potent antigen presenting cells (APCs) that possess the ability to stimulate naïve T-cells. They comprise a system of leukocytes widely distributed in all tissues, especially in those that provide an environmental interface.



Iscador (*viscum album*)

It is *Viscum album*, an European species of mistletoe.

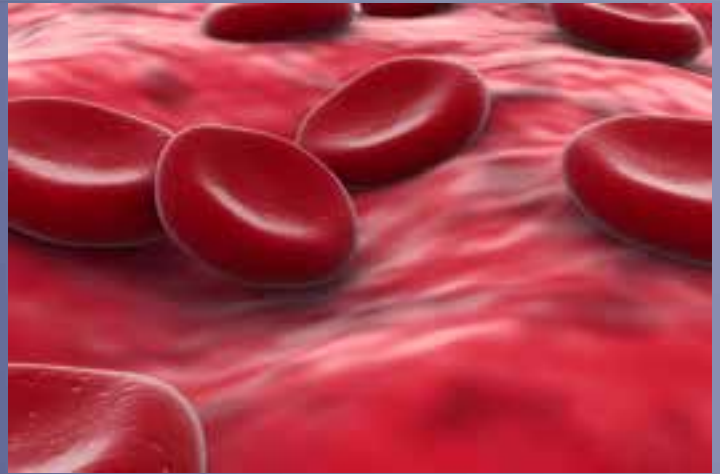
Mistletoe is a semiparasitic plant that lives symbiotically with several tree species, including oak, pine, elm, and apple.

Viscum is a lectin that appears to:

- Interfere with intracellular protein synthesis.
- Stimulate the production of cytokines.
- Affect the processes of metastasis and apoptosis.
- Promote reversion of cancerous cells to more differentiated forms.



Our therapy is provided in four different stages, allowing us to target specific response.



Cellular Level Stabilization

Balancing the cell functions for a better performing digestive, respiratory, lymphatic and circulatory systems.

Decreasing Tumor Cell Resistance

Changing the tumor proteins from body own to body foreign, allowing the tumor to be recognized by the body's own immune system.

Biologic Cancer Weapons

Inhibits tumor growth. Induces production of interferon. Stops progression of carcinogenic N-nitrose compounds.

Promoting Immune Response

The immune system is an intricate biological infrastructure that distinguishes self from non-self (microorganisms, toxins, transplanted tissue and cancer cells.)



Achievements through biologic therapies

- Life quality.
- Stabilizing tumor growth.
- Keeping Cancer cells from metastases.
- Reincorporating to everyday life.
- Avoiding toxic therapies.





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