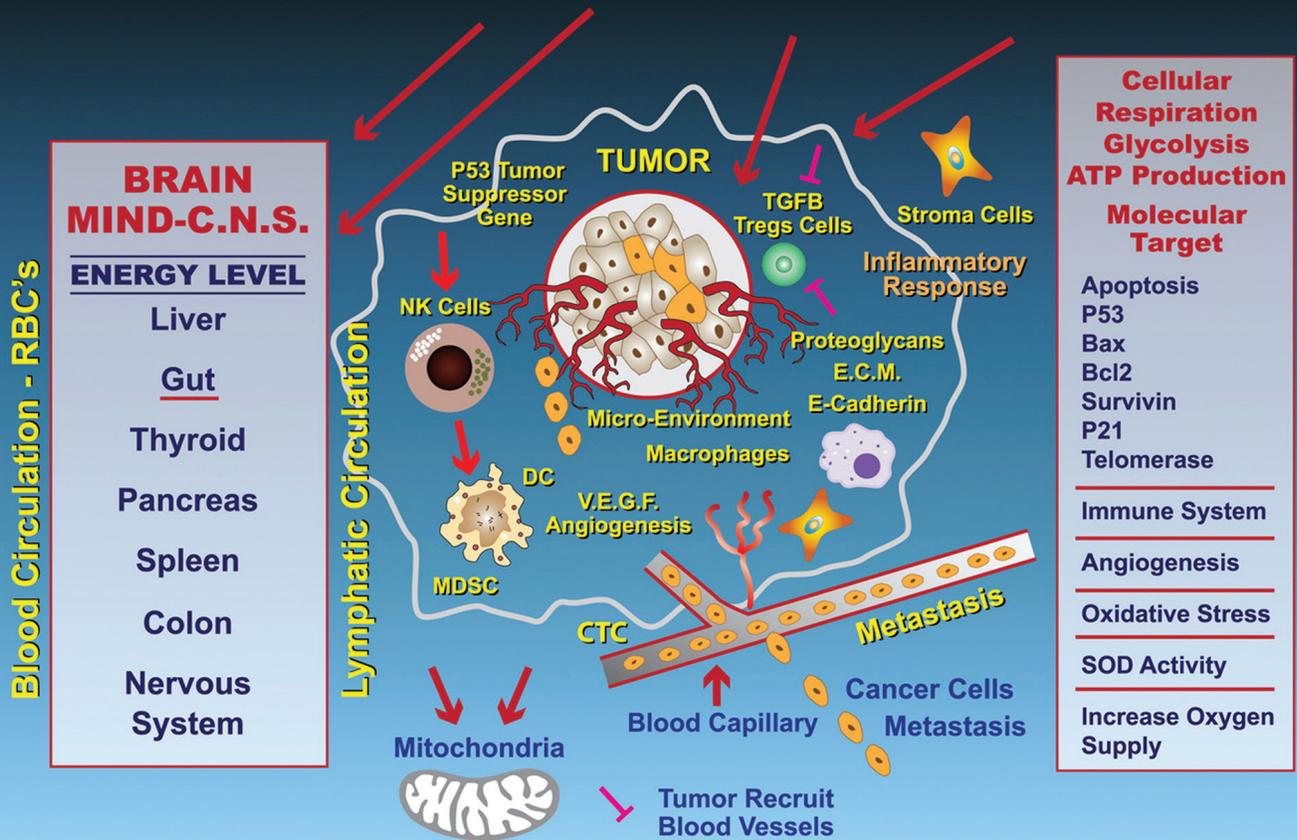


# Serge Jurasunas Clinical Cancer Strategy

## Holistic Approach to Cancer Treatment



SERGE JURASUNAS ©2020

2021

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## INTRODUCTION

**T**his clinical cancer strategy incorporates advancements in cancer treatment based on a multi-approach to the disease that includes targeting apoptosis, immune cell activation, angiogenesis, restoration of cellular respiration, inhibition of inflammatory mediators, not mentioning some secondary factors such as intoxication, disturbed microbiome, and nervous disorders. I believe that a real breakthrough in cancer needs to promote immune system enhancement and activate apoptosis. These two important mechanisms of approaching cancer, principally through the clinical application of the P53 tumor suppressor gene and other apoptotic players that for the past 15 years have been included in my cancer strategy as a diagnostic, prognosis, and follow-up treatment. P53 mutation or mutated P53 protein remains the essential factor when it comes to treating cancer either from conventional therapy or an alternative approach or in combination.

I believe that the importance of P53 mutation or mutated P53 protein is still not well understood by practitioners and Doctors of Naturopathic Oncology because the P53 gene is not only associated with apoptosis, but also involved in a network of genes with cross-talk between each other like ID4, a crucial regulator of immune response and angiogenesis; TGF-B, NF-KB, c-MYC, etc. When a mutated P53 gene cannot modulate these genes and proteins and dysregulation affects their normal function and are responsible for apoptosis suppression, angiogenesis, cancer growth, and metastasis invasion. These are not the only factors associated with apoptosis inhibition. So P53 mutation is not only suppressing apoptosis, but involved in cancer progression by, increasing glycolysis and telomerase activation as explained in my cancer protocol.

Over the past decades, I have treated thousands of cancer patients of all ages, all types, and all grades and developed several cancer protocols that over the years have changed because several excellent anticancer therapies had been removed from the market by new legislation. Many varieties of herbs were deemed toxic. An example was Condurango, an African herb I had successfully used for treating stomach cancer. However, in the past, I personally developed other innovative therapies manufactured for the needs of my clinic. These included stem cell therapy, a combination of frozen embryo organs to be taken orally, a whole injectable therapy (SJ Therapy) made from essential oils, and a unique herbal formulation, used exclusively in our clinic. I was always at the leading edge of science. In treating cancer, for example, I was the first person who introduced and used organic germanium in Europe and even in the US, during 1974. In 1969, I became acquainted with the theory of mitochondria and cancer, as well as cellular respiration. I started immediately to use the famous Enzyme.

Yeast Cells were developed by Dr. Siegfried Wolz in Germany, according to Otto Warburg's theory. I started my first clinic (not consulting office) in 1978 in Lisbon. This was followed a few years later by a new large 3 story clinic outside of Lisbon, with an organic vegetable and fruit garden.

This clinic soon became a center for teaching and learning how to treat cancer under my method. Many doctors from Europe, the US, and Central America came to Portugal to devote time to attend educational seminars that I organized. I personally have traveled all over the world to lecture, but also meet colleagues from whom I could also learn. In 1979, I flew to San Francisco to meet Robert Bradford, PhD., who introduced and developed the Oxidative Dried blood test and later on the Live Blood Analysis, by developing a new microscope system capable of 15,000 x magnification. Dr. Bradford was a real brain, and we worked together to improve and update the oxidative dried blood test, but also to innovate new cancer treatment protocols. Bob was one of the first innovators to open an integrative cancer hospital in Mexico. During one visit, we flew to San Diego and then on to his hospital in Mexico.

Later on, he moved near San Diego to be closer to the hospital. We maintained close contact and had meetings in different European cities during the Annual American Biologics International Symposiums of Integrative Medicine that attracted renowned lecturers. We collaborated on cancer research for over 30 years, especially on updating the Oxidative Dried Blood Test. I even was an advisor at his hospital in Mexico before he died. He was a co-founder of Capital University of Integrative Medicine with Dr. Majid Ali. In 1996, I was appointed as a CUIM Professor.

About 30 years ago I made contact with Dr. Vassily Nowicky, a Ukrainian researcher who settled in Vienna (Austria), who discovered new molecules he had extracted from the herb, Chelidonium Majus with anticancer properties called Ukrain. It had been used with considerable success and was the subject of over 160 scientific papers from Universities and Laboratories. Ukrain was used by doctors all over the world and of course, was included in my cancer protocol. Several of my reports were published in the Townsend Letter. The articles were written about clinical cases which were treated with a protocol based on Ukrain, RBAC, etc. (See: "A Case of Advanced Colon Cancer Treated Successfully without Chemotherapy").

However, in 2013, the natural anticancer agent Ukrain, manufactured in Dr. Nowicky's laboratory was brutally removed from the market by the Austrian authorities. I wrote an article about this sad story in the Townsend Letter magazine (Feb/March 2013), explaining the situation and giving some references about the anticancer efficacy of

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Ukrain, especially with pancreatic cancer. Ukrain was even presented during the "Expert Conference on Pancreatic Cancer," in Paris France, chaired by the famous French Oncologist David Khayat and Margaret Atempero from S. Francisco, USA. Posters even referred to my work. The removal of Ukrain from the market was tragic since so many patients around the world were treated with and depended upon Ukrain. As a result, many of them died.

Dr. Joseph Brenner, the Oncologist that I referred to earlier, when speaking about Rice Bran Arabinoxylan had already been using Ukrain widely in his clinic for most cancers, but especially for difficult cancers such as pancreatic cancer together with a COX-2 inhibitor. In this particular cancer, COX-2 was activated 90% under the normal level. We had discussed the Ukrain treatment on several occasions, and he expressed regret over the attitude of the Austrian Health Authority. However, more recently Ukrain became available again under the scientific name NSC 631570.

In my opinion, NSC-631570 is one of the most powerful natural anti-cancer treatments and while we can still find some references, the most important ones have been removed from Google by the Austria Health Authority. This explains why we were obliged to modify our protocol. The same story occurred with some other natural anti-cancer agents for example from Germany.

About 28 years ago I learned about a new compound developed by Daiwa Laboratories in Japan, derived from modified bran rice called Biobran. It had strong anti-cancer properties which stimulate NK cells, known as a Biological Response Modifier. Biobran stimulates other immune cells such T-B, macrophages, dendritic cells but also inhibits Treg cells that when activated, suppress immune cells. At the time, I was lucky to have met a man from Japan involved in the business of natural anticancer agents and health supplements. His job was to search for new products or substances with medicinal properties. Over the years we became good friends since he also organized several seminars about Biobran in Europe. He was the person who introduced me to the Super Grow Energy Stone and Manda enzyme therapies that I refer to in my cancer protocol.

One day I decided to start an experiment in my clinic using Biobran alone (now called Rice Bran Arabinoxylan Compound or in conjunction with other dietary agents). The results were so good that I kept on using it in my protocol, even today. Subsequently, I participated in several seminars organized to promote Biobran. I was surprised to notice the participation of oncologists and other reputable doctors presenting lectures resulting in the application of Biobran in their cancer protocol.

Ben Pfeiffer M.D, Ph.D., Professor of Oncology from New York and now Director of the Aeskulap Clinic in Switzerland,

lectured several times at the Biobran Seminar and presented RBAC (Biobran) as one of the major compounds included in his cancer protocol, especially for prostate and breast cancer. To date, after Ben Pfeiffer became a prostate cancer specialist, he accumulated over 1200 clinical cases.

A few years ago I participated in the 5th International Biobran Workshop held in Krakow, Poland with Professor, Dr. Rupert Handgretinger from Germany, Professor of Pediatric Oncology and Chairman of the Dept. of Children's University Hospital, Dept. of Hematology/Oncology in Tubingen, who was one of the top lecturers. Professor Handgretinger's research is focused on immunotherapy approaches for pediatric treatment of various malignant diseases. During the workshop, he presented a paper, "Arabinoxylan Rice Bran (Biobran) Enhances Natural Killer Cells and Mediates Cytotoxicity against Neuroblastoma in Vitro and in Vivo". Professor Tibor Hajto M.D. immunologist from the Unierstiy of Pecs Hungaria presented a very interesting paper base onn the use of Rice Bran Arabinoxylan compound + lectin (from Mistletoe) together with some excellent clinical case. Professor Hajto have spend 30 years to investigate about active lectin which represent a similar structures with Rice Bran Arabinoxylan.

Another lecture was presented by Joseph Brenner, M.D., Oncologist Director of the New-Hope Institute of Integrative Medicine and Cancer, former head of the Oncological Institute of the Wolfson Hospital in Holon Israel. Dr. Joseph Brenner advocated an integrative approach to treat cancer where he combined hyperthermia and Biobran, with a healthy food diet. He was educated at the famous Sloan Kettering Institute in New York City. One day Dr. Brenner realized that chemotherapy was not giving the expected results, since too many patients were dying. As a result, he turned to integrative medicine. One day he read one of my articles published in Townsend Letter magazine, and then came to Lisbon from Israel to visit me and learn what I was doing with my cancer treatment. At the time he was not using a special food diet with his patients, but after we met and kept in close contact he started to include diet in cancer protocol.

I also presented a one-hour lecture on, "New Strategies to Treat Cancer" based on apoptosis, angiogenesis, and immune support, focusing on Rice Bran Arabinoxylan (Biobran) together with several clinical cases. Other renowned doctors and immunologists also presented interesting lectures relating their personal experience with Biobran.

Just after my presentation, I was invited to write a book about my experience with cancer, with Rice Bran Arabinoxylan compound included in my protocol. The audience showed particular interest in my clinical cases. My new book, "Cancer Treatment Breakthrough- Immuno-

Oncology, using the Rice Bran Arabinoxylan”, was based upon 25 years of experience treating cancer using Biobran, but the book also includes information about my new work and approach to cancer using the Molecular Marker gene testing, especially on the P53 tumor suppressor gene. Today you can find about 60,000 publications on the P53 gene and P53 mutation in cancer, which currently remains unknown in clinical application.

This became my work, where today I focus on applying the results of our cancer patient blood testing with the use of several selected natural compounds that either activates pro-apoptotic genes or inhibits anti-apoptotic genes along with other apoptosis inhibitors. Our new approach focuses on telomerase activity regarding P53 gene expression associated with tumor growth and to improve the test ratio. In this document, I present my complete approach to cancer and include several natural compounds that have demonstrated efficacy to decrease telomerase activity and increase or reverse P53 mutation. When I started working with P53 gene expression and P53 mutation I was obliged to personally experiment with a variety of natural compounds, essentially because no information was available at that time. Even today I may say this remains the case.

However, I was lucky to meet Dr. Olga Galkina, Ph.D., a Russian scientist, and specialist in the P53 pathway, who inspired me to acquire further knowledge about P53 and other apoptotic players. Notice that I have included information concerning activated telomerase in cancer and the role that the P53 gene plays in down-regulating

telomerase. Currently, this new idea to test the telomerase/P53 ratio is being taught by Dr. Galkina (See my cancer update reference). Today we know about several natural compounds that can activate apoptosis but what about a mutated P53 gene or even mutated P53 protein? Over the past years, I wrote several articles on these subjects, which were published in the Townsend Letter, referenced in this document. (“The P53 Tumor Suppressor Gene, Understanding P53-Based Anticancer Therapies Utilizing Dietary Agents”. Townsend Letter August/Sept 2015.

I recently decided it was time for me to work out this complete protocol or Clinical Strategy of treating cancer that is also based on my 55 years of experience with cancer treatment. My approach when using molecular marker genes includes a diagnostic, prognosis, and treatment follow-up. Here you have a real basis when it comes to understanding and treating your patient. For instance, you may know if the anti-tumor activity is higher than the pro-tumor activity or vice versa. You may know if there is a probability of circulating cancer cells and how to resolve them. You know if the P53 gene is mutated or only the P53 protein. This is the only way to fully understand the cancer of your patient and how to treat it in a way leading to improvement. I do hope that this document on how to approach cancer may create more interest from doctors of Integrative Oncology and Naturopathic Oncology that need to update their knowledge.

## Serge Jurasunas



# Therapeutic Options for Cancer Treatment

## Conventional Oncology

- Chemotherapy
- Radiation
- Hormone Therapies
- Immunotherapy (toxic)
- Gene Therapy

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Toxicity, side effects- from middle to severe, including death

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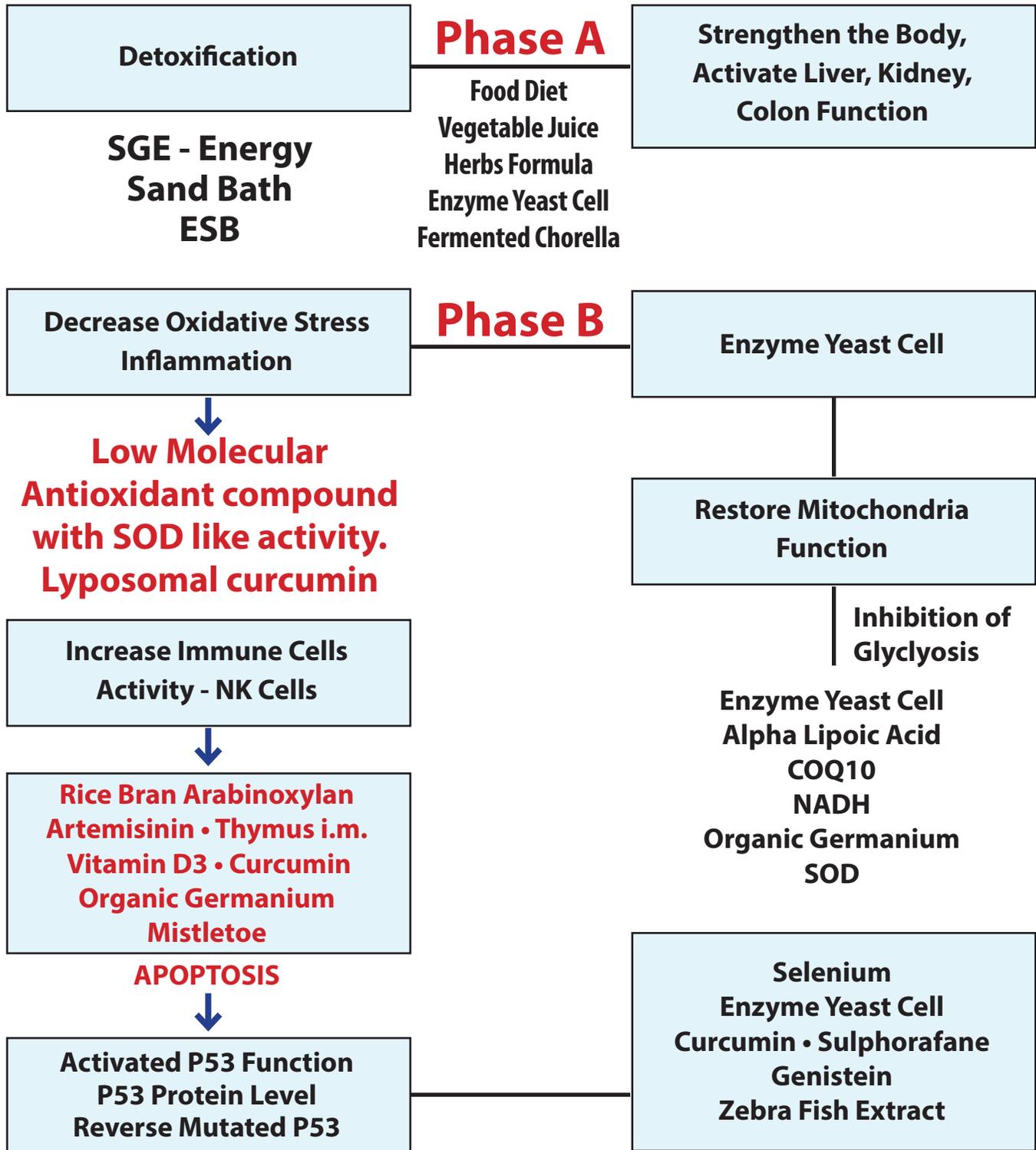
## Complementary Oncology

- Natural anticancer agents
- Activation of the immune system
- Apoptosis induction
- Targeting angiogenesis
- Decreasing inflammation
- Increasing cellular respiration
- Detoxification
- Combat anemia
- Nutrition
- Food supplements (vitamins, minerals, enzymes, amino-acids)
- Increasing energy level
- Improving the efficacy of chemotherapy by increasing apoptosis and decreasing cancer cell resistance
- Killing cancer cells but not damaging healthy cells
- Anticancer food diet

# How to Approach Cancer and the Patient

- Each patient is an individual, having different age, genes, social life, immune response, apoptosis, different cancer cells, resistant cancer cells, MRD 1 gene expression, stress condition etc.
- Each patient responds individually and differently to the same type of cancer and chemotherapy.
- Each patient may need a personalized treatment based on results obtained with molecular markers testing and other check-ups.
- A comprehensive approach of the patient includes Mind-Body-Spirit which is the aim of Holistic Medicine.

# Serge Jurasunas Clinical Cancer Strategy



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Activation of BAX Gene Expression  
Inhibition of BcL-2-Survivin VEGF - NF.KB  
- Caspases activation

Curcumin  
Resveratrol  
Genistein  
RBAC  
Quercitin  
Indole-3-Carbinol  
*Strong Anticancer Agent*

**Tegaran (ZhengHua)  
contains genistein**

↓  
Increase immune function  
Inhibit VEGF - NF.KB  
Inhibit BcL-2 - Inhibit Angiogenesis  
Inhibit MDR1 Gene  
Increase Karnofsky score  
Induce Bax and P21 gene expression

*Article by Serge Jurasunas: "The Molecular Basis of Prostate Cancer and Targeting Therapies". — Townsend Letter August/Sept 2017*

**Angiogenic Therapy**

C-Statin  
Angiostop  
Curcumin  
Tegaran  
Artemisinin

**Phase C – Heavy Therapies**

**Natural Chemotherapeutic Agent  
NSC-631570 (Ukrain Therapy IV)  
only with Medical Supervision**

↓  
Cytotoxic to Cancer Cells  
But Not to Normal Cells

# Snake Venom Therapy

Horvi 33, 300 • Horvi - Nucleozyme

## **Energy Sand Bath (ESB), from the Stone Tenko-Seki**

Increase immune function, reduce inflammation, reactivate and vitalize SOD enzyme, increase energy level, inhibit tumor growth, improve blood circulation, detoxify toxins and oxidize lipids.

*Article by Serge Jurasunas: "A Far Infrared-Ray Emitting Stone (SGES) to Treat Cancer and Degenerative Disease". — Townsend Letter, June 2000.*

The medical effect of SGE stone is widely used in Japan by a number of medical doctors in their clinic. They are doctors of reputation such Dr. Shigeyuki Hirose and Dr. Michihiko Ueda, Director of Japanese Association for Alternative Complimentary and Traditional Supplement Medicine, the Japanese Society for Integrative Medicine etc.

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# Important Strategies in Cancer

Targeting pro-apoptotic and anti-apoptotic genes,  
an inhibitor of apoptosis

1. Activating Natural Killer (NK) cells as a Based-Anticancer Therapy.
2. Activating apoptosis pathway by targeting pro-apoptotic and anti-apoptotic genes and other inhibitors of apoptosis.
3. The higher the level of normal P53 protein is produced the more cancer cells are destroyed.
4. The higher the level of mutated P53 protein the more cancer cells become resistant and promote metastasis invasion.

Mutation of the P53 gene (50% of all cancers) is associated with tumor growth, metastasis invasion and cancer recurrence. However even if the P53 gene is not mutated, mutated P53 protein can be produced and can be considered as a translational event during protein modification. WT (normal) P53 gene is an activator of the anti-tumor Bax and P21 gene whilst suppressing the oncogene Bcl2 and the anti-apoptotic inhibitor survivin.

**Mutant P53 Allows cancer cells within a tumor to acquire a stem-cell-like state**

# Enzymotherapy

## **Manda Koso (enzyme)**

Manda Koso is a blend of exceptional vegetables, fruits, grains and algae, all together with 53 ingredients fermented to maturation at the exact temperature of the intestine during a period of 3 to 5 years. Some are grown only in Japan under a special wide area climate, such as Okinawa. Manda Koso contributes to regenerate the intestinal microbiome, stimulate the immune system and may have the property to activate the P53 function. Enzymes contained in Manda Koso may reactivate the blocked enzymatic function in degenerative disease. However Manda Koso is not considered as medicine but only as food. In the past we have used Manda Koso on a number of chronic degenerative diseases with significant efficacy which in fact correlate with Hippocrates who said *“Let food be thy medicine and let medicine thy food.”*

## **Homeopathic Modern Complex to Reactivate the Blocked Enzymatic Function and Stimulate the Immune System.**

- **COENZYME COMPOSITUM**
- **GLYOXAL COMPOSITUM**
- **UBICHINON COMPOSITUM**

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P53 gene expression is associated with not only apoptosis but with our microenvironment immune defense, modulation of glycolysis and telomerase activity. Mutated P53 gene or protein acquire a new function known as oncogenic function that stimulates tumor growth and metastasis invasion. Mutated P53 protein stimulates glycolysis and inflammation and contributes to tumor progression. On the contrary normal P53 gene expression inhibits glycolysis.

***Article by Serge Jurasunas: "Cancer Update: New Theories and Advances in Cancer Treatment"***  
— Townsend Letter, August/September 2020

***Article by Serge Jurasunas: "The P53 Tumor Suppressor Gene: Understanding P53 Based Anticancer Therapies - Utilizing Dietary Agents"***  
— Townsend Letter, August/September 2015

# Telomerase Activity

Telomerase deregulation, over activation are observed in 85% of human cancers. Such cells maintain telomerase length for indefinite number of divisions and can become immortal.

*Article by Kim NW, Platyszebz HA, Prowe KR, et al*

“Specific Ancestors of Human Telomerase Activity with Immortal Cells and Cancer”

— Science - 1994 -266 - 2011- 2015

*Article by Serge Jurasunas N.D., Olga Taylor Ph.D.*

“How to Target Mutant P53 in a Case of Multiple Cancer Recurrence” — Townsend Letter, August/September 2010

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Mutant P53 and overactive telomerase allow cancer cells within a tumor to turn back time by acquiring a stem-cell -like state (CSC's) by developing survival factors to become very aggressive and resistant to any chemotherapy treatment. CSC's escape from treatment and are responsible for secondary tumors.

**Both P53 mutation and overexpressed telomerase are considered an important event in earlier cancer development and progression of the disease with metastasis invasion.**

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A mutated P53 gene and/or mutated P53 protein cannot down-regulate telomerase activity. Even malfunctioning Wild-Type P53 gene expression together with low normal P53 protein level may accelerate telomerase activity.

## **Important Target Determined P53/Telomerase Ratio**

**This is a New Breakthrough in Cancer**

*Article by Serge Jurasunas: "Cancer Update: New Theories and Advances in Cancer Treatment"*

— Townsend Letter, August/September 2020

The Ratio between P53 and telomerase gene expression together with identification of the status of P53 protein (normal or mutated) is used to evaluate the presence of any cells capable of forming a tumor. Therefore it may be used as a test to prevent the formation of a tumor.

**Good Ratio: 1.5 - 2.5**  
**Bad Ratio: 0.8**  
**Very Bad Ratio: 0.02**

### Example of Cancer with a Good Ratio

<b>P53/Telomerase Ratio</b>		
<b>2019</b> – Boy 12 years old. Ewing Sarcoma extension to the spine – In treatment since 2013. Chemotherapy, surgery, radiation, severe side effects, remission. Small tumor remains in the spine but inactive. Tegaran, RBAC, Curcumin, C-Statins, Fermented Chlorella, but inactive.		
<b>P53 Gene Expression</b>	<b>5.915 ul/of plasma</b>	<b>Reference range for all the genes is 100 units/ul of plasma - Except Telomerase ND units in malignant stem cells.</b>
<b>P53 Mutated Protein</b>	<b>2.0 ul/of plasma</b>	
<b>P53 Normal Protein</b>	<b>ND</b>	
<b>Telomerase Activity</b>	<b>4.388 units/ul of plasma</b>	<b>Ratio 1.3</b>
<b>Bax Gene Expression</b>	<b>2.864 units/ul of plasma</b>	<b>Ratio 0.5</b>
<b>BcL2 Gene Expression</b>	<b>5.609 units/ul of plasma</b>	
<b>P21 Gene Expression</b>	<b>5.049 units/ul of plasma</b>	
<b>Survivin Gene Expression</b>	<b>3.842 units/ul of plasma</b>	<b>Ratio 1.3</b>

**Comment:** The P53, Bax and P21 gene expression are highly activated probably as result of our treatment. P53/Telomerase ratio is good same as Survivin/P21. However BcL2 gene expression is highly activated with a bad ratio BcL2/Bax gene expression. While P53 is highly activated it doesn't produce normal protein but only low level of mutated protein. The testing indicates the possible presence of precancerous/cancer cells circulating somewhere in the body even if many bad cells are destroyed through Bax and P21 and other cancer cells with active telomerase, survivin and Bc-L2 over accumulation. 2) Surgery could not remove the whole tumor but after 6 years it kept inactive and didn't grow. We need to decrease or inhibit BcL-2, survivin and telomerase activity and activate the production of normal P53 protein and eliminate mutant P53 protein that stimulates glycolysis. (See the complete case in my book pages 194-196).

# Suggested Treatment to Down-Regulate Telomerase Activity



Genistein  
Curcumin  
Quercetin  
Indole-3-Carbinol  
Apigenin  
Allicine  
Sulforaphane  
Resveratrol  
Silymarin  
Red Yeast Rice  
Lapacho

**Genistein and Curcumin show efficacy in decreasing telomerase activity.**

# Treatment for Breast Cancer

P53 gene mutation 30-40%  
Mutated protein (no reference)  
Bcl2 overexpression. 70% of cases  
Bax Downregulated. 70% of cases  
Survivin overexpression. 70% of cases  
P21 Downregulated (no reference)  
Telomerase over-activity. 80%-90%

**Important. P21 gene expression correlates with HER2/neu in breast cancer and is an independent predictor of prognosis. P21 alteration can have a major effect on cancer sensitivity to chemotherapy and especially radiation.**

## NO METASTASIS CONDITION

RBAC (Biobran), C-Statin, Resveratrol, Indole-3-carbinol, Genistein, Artemisinin, Lyposomal curcumin, Alpha Lipoic Acid, Enzyme yeast cell. Additionally, Venom snake therapy, Horvi 33-300. In case of mutated P53 gene or P53 protein, zebra fish extract.

The Energy Sand Bath (ESB) is also useful to increase energy level, decrease stress, improve the immune function, detoxify etc.

Oxidative dried blood test, Live Blood Analysis (LBA) both observation is important but especially the oxidative dried blood test in order to monitor the stage of inflammation, free radicals activity and the physical and psychological stress level. LBA may evaluate the nutritional condition of the patient, free radicals activity, the presence of bacteria and yeast-forms like candida, the white cells and immune cells activity, all together over 36 valuable information. The thermography system may also be indicate and useful in case of breast cancer. Such blood observation is also important in order to follow up your treatment and check the results, but also to check on the damaging effect of chemotherapy.

**Article by Serge Jurasunas.** "The Oxidative Dried Blood Test in the Assessment of Metabolic Dysfunction an Inflammatory Condition". – Townsend Letter June 2018.

**Books by Serge Jurasunas.**

"Cancer Treatment Breakthrough. Immuno-Oncology using the Rice Bran Arabinoxylan".

"Health and Disease Begin in the Colon" Featuring Professor Serge Jurasunas Natural Medicine.

## Strong Link Between Breast Cancer and Natural Killer Cells

Depressive condition in patients with breast cancer, high oxidative stress, chemotherapy, radiation, surgery negatively influences the immune system and decreases the activity of NK cells.

Patients with depressive condition may need some psychological support and extra supplementation to help fighting nerve disorder, anxiety etc...it may also include meditation, yoga, reading books, acupuncture etc.

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## **Breast Cancer with Metastasis Tumor or Disease Recurrence**

In most cases of recurrence it is associated with P53 mutation or P53 muted protein and absence of normal protein together with overexpressed Bcl2 or survivin (or both). Also decreasing NK cell activity and activated angiogenesis (VEGF).

### **SUGGESTED TREATMENT**

**Tegaran (ZhengHua)**

**C-Statin**

**Horvi 33-300 (1 ml ampule i.m.)**

**RBAC (Biobran) Arabinoxylan**

**Organic Germanium**

**Lyposomal Curcumin**

**Artemisinin**

**Co-Enzyme Q10**

**Enzyme Yeast Cell Zell-oxygen**

**Pro-knox**

**Zebra Fish extract**

**Horvi-33-300-i.m. is efficient to reduce and/or eliminate pain and may be substituted for morphine.**

### **(NSC-631570) Ukrain Therapy**

**Treatment in perfusion mixed with glucose and Vitamin C**

*Article by E. Ermot and K. Schmidt : "Ukrain – A New Cancer Cure? A Systematic Review of Randomized Clinical Trials" — BMC - Cancer 2005 : 5-69*

# Breast Cancer and Oxidative Stress

Clinical cases, 44 year old patient diagnosed with breast cancer and 30 lesions to liver. The tumor is too large for surgery due to tissue inflammation. The patient is doing chemotherapy in order to reduce the tumor, but the tumor is resistant as we can understand with the result of the testing especially with the very high level of Bcl2 activity and the VEGF that induces strong angiogenesis.

**Comment:** Our treatment has increased by 2x and 4x the activity of P53 gene expression, however being unable to produce normal P53 protein, but only a very low level. However highly expressed Bcl-2 that contributes to cancer cell resistance was reduced by tenfold with a tenfold increase of Bax activity (ratio 0.02 to 1.93). Survivin was also decreased almost by tenfold with no detectable

VEGF; highly expressed in the beginning with strong stimulation of angiogenesis, but this was stopped. After 2 months of taking our treatment the tumor reduced and the inflammation was almost gone. This was followed by a rapid reduction in tumor size making surgical removal possible. A strong Anti-Tumor Activity Dominated Pro-Tumor Activity. Also see the figure of the Live Blood Analysis before and after treatment. All the lesions in the liver were eliminated. (See the complete case in my book pages 155-160).

Highly expressed Bcl2- Survivin and VEGF were responsible for tumor growth, liver lesions and cancer cell resistance.

- Breast cancer with metastasis has a higher production of toxic free radicals activity compared to breast cancer with no metastasis. Chemotherapy and radiotherapy may also increase the production of toxic free radicals with damaging effects and contribute to spread metastasis.
- We evaluated the stage of inflammation and disease through the observation of the oxidative dried blood test.

Stage 0 normal pattern to stage 5-6. Stage 4 corresponds to an advanced stage while stage 5 is critical with metastasis and stage 6 a terminal condition.

For more information read my book with examples of clinical cases illustrated with various figures of oxidative dried blood test before and after treatment and remission include complete molecular markers testing (pages 155-160).

- To decrease inflammatory stage – Lyposomal S.O.D., curcumin, Pro-knox, fermented chlorella, SOD or another antioxidant formula that contains SOD, glutathione, cysteine in oral form or IV.

SOD in oral formula is poorly absorbed by the body.

Enzyme Yeast Cells contain all the required natural antioxidant enzymes including Coenzyme Q10 and is easily absorbed by the body.

**Example of an applied treatment targeting molecular markers in a case of breast cancer with over 30 nodules to liver 2018 - 6 years remission**

## ANTI-TUMOR EFFECTS OF THE APPLIED TREATMENT

		02/12/12370	05/12/12461	Ref. Range
p53 gene expression		200	427	10-50 units/ul of plasma
p53 level mutated		ND	ND	ND units/ml of plasma
p53 level wild		ND	0,4	0.10-1.00 units/ml of plasma
Bcl-2 gene expression		8000	796	<10 units/ul of plasma
Bax gene expression		167	1543	10-100 units/ul of plasma
Bcl-2/Bax	ratio	0.02	1.93	
Survivin gene expression		171	900	<10 units/ul of plasma
p21 gene expression		139	738	10-50 units/ul of plasma
Survivin/P21	ratio	0.8	0.8	
VegF gene expression		2353	ND	10-100 units/ul of plasma

Increased p53 activity  
Decreased of BCL-2 activity  
Increasing BAX activity

Increasing p21 activity  
Normalize VEGF activity  
Strong anti-tumor activity

## “Clinical Case: F 48 years old, Breast Cancer”

### Clinical Case: F 48 years old, Breast Cancer - Remission 2009 - 2010 Recurrence

(from the P53 suppressor gene: Understanding P53 based Anticancer Therapies Utilizing Dietary Agents T-L Aug/Sept 2015)

Date	P53 Protein Level - Units/ul of Plasma			
	Wild-type P53 Ref. Range - 0.10-1.00 units/ ul of plasma	Mutated protein Ref. range - ND	P53 Gene expression Ref. - 10-50 units/ul of plasma	
1 Test 2 Feb 2010	ND	<b>52.5</b>	52.45	Blood sample collected prior to treatment
2 Test 19 Apr 2010	10.99	ND	170	After 2 months we reversed mutated protein to a higher level of normal P53 protein with a x3 time increasing P53 function

Example of breast cancer recurrence. P53 gene expression is activated but does not produce normal protein but only a high level of mutated P53 protein which helps accelerate the diffusion of metastasis. After 2 months of our treatment we reversed mutated P53 protein to high level of normal P53 protein and increased by 3x P53 gene expression leading to an improvement and better result of destroyed cancer cells with chemotherapy.

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**O**ver the past 15 years I have been using a special low molecular weight antioxidant compound made from modified vegetables and seeds according to a formulation by Dr. Y. Niwa, M.D., Immunologist and world expert in SOD with whom I collaborate. A special process cuts the large molecules where after this process the compound is quickly absorbed and delivered into the target organ with immediate healing. The initially called Anoxe (now Pro-knox) contains vitamins A, C, E, beta-carotene, catalase, flavonoids, polyphenols, quercetin, riboflavin, and catechin with a strong SOD-like activity. SOD can be considered as a tumor suppressor equivalent to the P53 gene and we also know that SOD is very low in cancer cells. Pro-knox strongly decreases the production of free radicals with tests done in-vitro with blood and plasma after 1 hour, 3 hours and even remains active after 24 hours after oral absorption of 15 gr. of the compound in one glass of water. According to Niwa, the compound works as a Drug Delivery System (DDS) since it travels quickly to the target organ. Tests done at the University of Michigan and other clinics in Germany have shown that Anoxe inhibits Cox 1 and Cox2 and therefore decreases inflammation. Cox2 is usually overactive in many types of cancer such as breast 40-60% and pancreatic cancer 90%. Any compound that can decrease Cox2 is considered as an anticancer agent. In my presentation in Russia (see the reference below), I showed a number of patient cases through the LBA and observation of damaged red cells, oxidize lipids, pains etc., both before and after taking Anoxe, but with no change in their diet. The results were absolutely remarkable. Pro-knox can work both as an antioxidant or pro-oxidant depending on the dosage, as a pro-oxidant it increases the destruction of cancer cells by chemotherapy

**Conference:** Serge Jurasunas, "Oxidative Stress and Cancer- Antioxidant Therapy". Anti-Aging Medicine World Congress Paris 10-12, April 2008. ([www.sergejurasunas.com](http://www.sergejurasunas.com); click PDF and workshop Paris 2008).

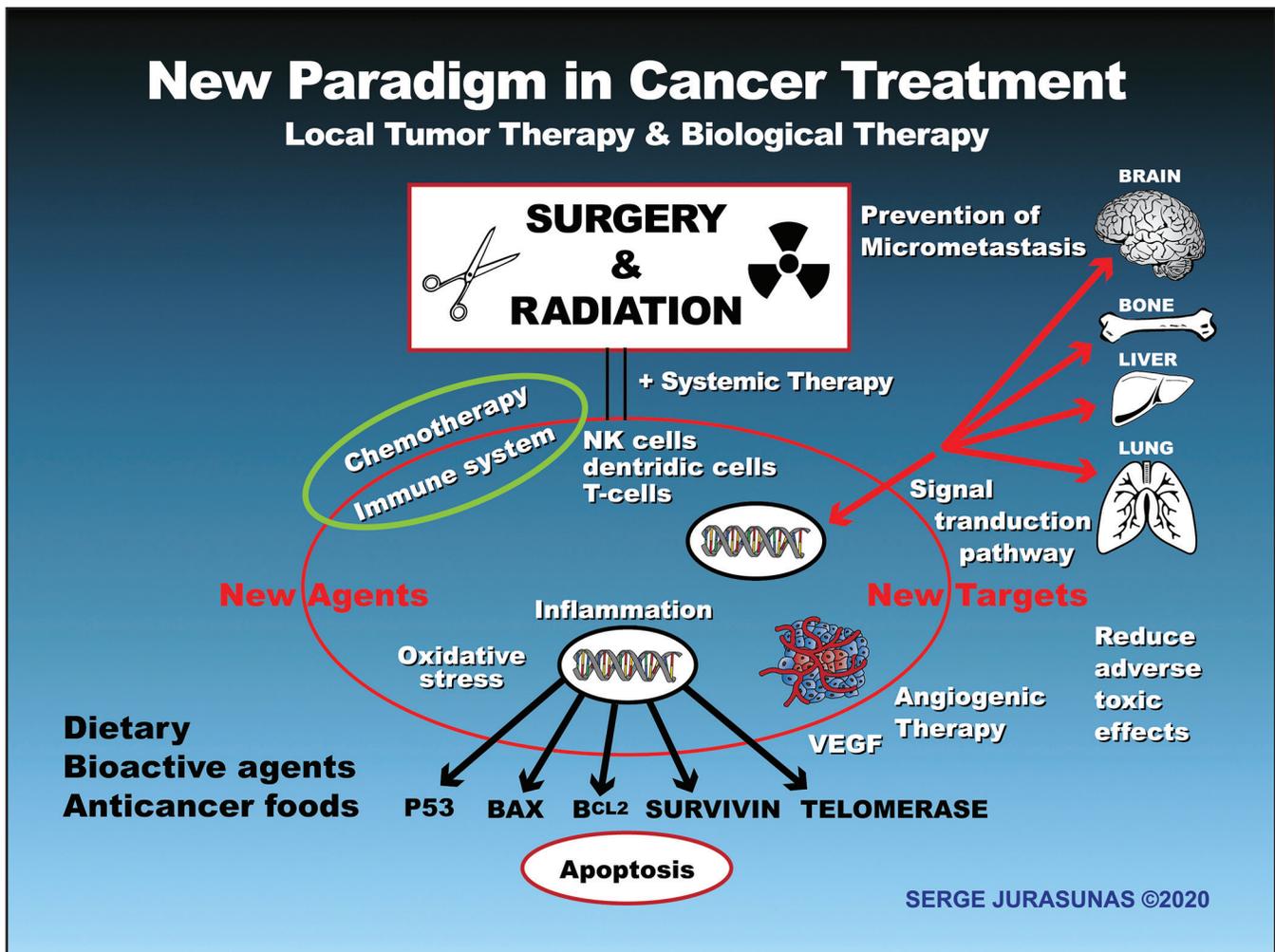
**Read:** Serge Jurasunas, Nelson Tavares and Murale G Nain. "Cyclooxygenase Enzyme Inhibitory Property of Anoxe". National Food Safety and Toxicology Center, Michigan State University USA. (Anoxe inhibits COx2 which today becomes a new target in the treatment of cancer since it down-regulates apoptosis, stimulates angiogenesis, etc. COx2 is overexpressed in about 40-60% in breast and lung cancer).

**Conference:** Serge Jurasunas, "Therapeutic Application of a low Molecular Antioxidant compound (Anoxe) in ROS activity". International Symposium on Reactive Oxygen and Nitrogen Species. Diagnostic, Prevention and Therapeutic Values. July 8-12 2002. St. Petersburg, Russia.

**Conference:** Serge Jurasunas, "Targeting Apoptosis and Natural Killer Cells in Breast Cancer Therapy" – Medizinische Woche Baden Baden 2019 Krebskongress - Deutch Gesellschaft Fur Oncologie 31/10-/04-11- 2019.

**Article by Serge Jurasunas: "The Oxidative Dried Blood Test in the Assessment of Metabolic Dysfunction and Inflammatory Conditions"**  
— Townsend Letter, June 2018

# New Paradigm to Treat Cancer



## List of the supplements with description and dosage

Supplement	Description	Dosage
RBAC BRM4 in the US by DHMED (Daiwa)	Biobran in Europe and Asia BRM4 by DHMED (Daiwa)	500mg capsule .3 to 6 capsules per day sachet of 1 gr 3x per day
Biobran in Europe and Asia by DHD Europe.	An essential immune dietary supplement from modified rice bran. Strong immunomodulator with anticancer properties. Increase NK cells activity and other immune cells. Antioxidant and anti-inflammatory properties. Since 25 years, scientifically tested by various laboratories and Universities. One of the strongest immune stimulants on market.	
Alpha Lipoic Acid. By Thorne	A support to liver function. Strong antioxidant in both water and fat-soluble tissues, essential to activate cellular respiration and mitochondria function.	400-600mg twice daily
Vitamin D. By Thorne	Required for healthy immune function and important in cancer treatment. Vitamin D participate in Apoptosis and angiogenesis.	500 U/day on average
Co. Q10 By Thorne	Activates mitochondrial function and increases energy level, protects the mitochondria membrane against free radical activity. Protects the heart from damaging effects of chemotherapy such cardiomiopathy.	200-300mg per day
Zebra Embryo Fish- Rerio Gocce by Guna	Restores damaged cell to a normal level of differentiation. Inhibit cancer growth. Promote apoptosis and reverse mutant P53 to normal P53 tumor suppressor gene, Increase energy level	40 drops in a glass of water 15 mn before breakfast.
Proknox By DHD- Europe	This natural low molecular antioxidant compound from modified vegetables and seeds has strong anti-radical properties and redox potential. Anti-inflammatory effects, protect from chemo-radiation damaging effects. Has both antioxidant and pro-oxidant function and SOD-like activity. Has shown properties to reverse mutated P53 protein.	2/3 sachets of 1gr 3x per day. Mixed in a glass of water and drink slowly.
Fermented Chlorella By Dr Mercola (US) DHD-Europe	Chlorella algae supplies the body with high quality vitamins, minerals, amino-acids, protein, enzyme, fiber and DNA . Fermented chlorella is well absorbed by the body than regular tablets of chlorella. Chlorella is a rich source of chlorophyll to detoxify the body and to increase oxygen level in the blood. Chlorella cells make 4 new cells every 24 hours because of the growth factor found in the DNA.	1 gr per day
NSC 631570 (Ukrain) Information email:. officer- sc631570@proton- mail.com	NSC 631570 is an anticancer drug based on the plant extract of chelidonium majus. A number of clinical trials and about 160 scientific papers suggest that NSC 631570 has the potential to treat a variety of cancers. NSC 631570 when injected in the blood travels immediately to the tumor tissue and accumulate minutes after administration but not in healthy tissue. NSC 631570 destroyed only cancer This anticancer drug used was developed about 30 years in Austria by Dr. Vassil Nowicky and use in many clinics around the world including by famous clinics in Germany.	See the instructions but usually we use 3 or 4 vial of 5 ml (according to the weight of the patient) mixed with glucose and vitamin C in perfusion 3 or 4 time.

Supplement	Description	Dosage
Organic Germanium or Organogermanium By Allergy group	Organic germanium is a semi-metal and semi-conductor developed by the late K. Asai in 1967 as a soluble substance used as body regenerator. GE-132 increases oxygen supply in the body and increases immune function T cells and NK cells. While dioxide of germanium is toxic organogermanium is totally safe having been the subject of many toxicology tests. Organogermanium also possesses electro-magnetic property and can activate cell function and increase energy in the body. Organogermanium has demonstrated anti-tumor and anti-viral activity.	300-500 mgr/day
Manda Koso (enzyme) By Manda Fermented Col Ltd Japan.	Manda Koso is a blend of exceptional fruits, vegetables, grains and algae, about 53 ingredients fermented during a period from 3 to 5 years. Some of Manda's organically grown ingredients are found only in Japan. A Food supplement but can be used as a support in cancer treatment.	1-2 gr per day
Resveratrol by NOW	Strong antioxidant, antiproliferation, stops the cell cycle to induce apoptosis, antiangiogenesis, anti-inflammatory, stimulate P53, P21 and Bax function, inhibit survivin, NF-KB, Cox 2. In preclinical studies resveratrol was effective against a number of cancers including liver, pancreatic, lung etc..	150-300 mg/day
C-Statin By Aidan Products. (USA) Medpro. (Europe)	A natural supplement made from an extract of the field herb binweeds (Convolvulus Arvensis) that contains a patented proteoglycan (PGM) a potent angiogenesis inhibitor. Studies have demonstrated PGM to be 100x stronger than shark cartilage. Has been shown to inhibit new blood vessels growths up to 73% and abnormal cell growth up to 96.8%. C-Statin has no recorded adverse effects.	3 to 6 capsules per day
Genistein By Vital Nutrients	May target cancer in several directions. Induce apoptosis through activation of P53 gene expression, Bax, P21 and inhibit Bc-L2 overexpression. Stimulates the immune system, antiangiogenesis potential. Genistein potentiates a number of chemotherapeutic agents by blocking NF-KF. Inhibit TGF-B signaling that promotes tumor invasion. Inhibits the growth of both estrogen and androgen receptors in positive and negative breast and prostate cancer. Interferes with Her2 signaling pathway. Inhibits overactive telomerase activity.	2 capsules per day
Formula ZhengHua (Tegaran) By System Biologie AG Switzerland. Jschmid@system- biologie.com	A special formula made from fermented soy extract in unmodified, natural (non-genetically modified) form. It contains isoflavones, genistein, glycitin, daidzin, glycitein etc... Immune Plus Formula ZhengHua has dietary nutrients for special medicinal purpose and may target a number of mechanisms used by the tumor to grow and expand. Apoptosis, angiogenesis, (inhibitor of VEGF) NF-KB expression, immune system, modulate inflammation parameters, MDR1 gene expression etc. An adjuvant for chemotherapy and radiation therapy.	4-5 capsules per day
Liposomal Curcumin By Thorne	Decreases oxidative stress and inflammation. Anti-Chemo prevention of bad effects. It regulates Apoptosis, inhibits cancer cell proliferation and metastasis. Proapoptotic, Antiangiogenic potential, must be Liposomal or does not work. Demonstrates efficiency to reverse mutant P53 gene to a normal P53 suppressor gene.	2000mg/day Take 3x/day

Supplement	Description	Dosage
Zell Oxygen-Immuno Complex From Regenerative Nutrition UK	Made from active enzyme yeast cells. <ul style="list-style-type: none"> <li>• Detoxifies, regenerates and stimulates the large and small intestines.</li> <li>• Stimulates liver detoxification.</li> <li>• Activates T and B cells.</li> <li>• Reactivates various biological and chemical processes.</li> <li>• Stimulates respiratory chain.</li> <li>• Decreases inflammation allowing an increase in oxygen supply to tissues.</li> <li>• Strong antioxidant protecting against free radicals.</li> </ul>	20ml 3X/day Best to mix each dose with vegetable juice & liquid chlorophyll of any kind. Otherwise, mix with water & drink.
Indole 3 Carbinol By Thorne	Proves to be an effective chemo-preventive agent against stronger unresponsive cancers, in part, because it functions as a negative regulator of estrogen by inhibiting ER signaling and altering cytochrome P450 mediated estrogen metabolism.  Many studies showed that 13C suppresses the proliferation of various cancer cell lines, including breast, colon, prostate, and endometrial cancer cells.	400mg–800mg/day 2 caps after lunch 2 caps after dinner
Artemisinin By Thorne Medpro. (Europe)	Artemisinin has been widely used for the treatment of malaria for the past two decades. Additionally, artemisinin is known to have antibacterial, antifungal, antioxidant, anti-tumor, and anti-inflammatory activity.	2 caps before breakfast 2 caps before dinner
Snake Venom. (Horvi enzymes. Horvi 33-300) By Horvi EnzymMed www.horvi-service.com e-mail: info@horvi-service.com	The snake enzymes have anticancer properties especially breast and lung cancer, and also used as a pain killer.	One ampoule of 2.2 ml of each 3x/week. Also available oral intake but less efficient.
Coenzyme compositum Glyoxal Ubichinon By Heel Laboratory Baden Baden. Germany	Heel homeopathic medication is based on the theory of homeotoxicology which is meant to eliminate toxins from the body, to improve the natural defense of the body and to detoxify the liver and to stimulate the enzymatic function.	One ampoule of 2.2ml of each 3 times per week i.m.s.c. You can also mix 2 ampoules together to inject i.m.
Mistletoe (Viscum Album) by Helixor Integrative Oncology Germany	Activate the immune system by multiplying and activating immune cells. Mistletoe can also induce apoptosis. Mistletoe works in synergy with RBAC to both stimulate the immune system and apoptosis. Protects DNA of healthy cells caused by toxic agents. Improves energy level. Reduces chemotherapy side effects.	Mistletoe is to be giving only in injection sc. Requires the assistance of a doctor in the beginning. (follow instruction)

**Read Serge Jurasunas: "NK Cell Based Immunotherapy in the Treatment of Cancer Using a New Arabinoxylan Rice Bran Compound."**  
 — Townsend Letter, August/September 2019

**Cancer Treatment Breakthrough**

Today we are at a defining moment in our understanding of how to approach and treat cancer. Using non-toxic therapies with confirmed anticancer properties can efficiently optimize chemotherapy. Cytotoxic chemotherapy has become more and more questionable, leaving oncology in a desperate search for new options. A new vision in treating cancer is called "Immuno-Oncology." Immuno-Oncology is attracting attention now with a totally different approach utilizing the body's own immune defense.

*Cancer Treatment Breakthrough* explains in detail the mechanisms of our immune system, especially with the discovery of the importance of Natural Killer (NK) cells, known as our first line of defense against cancer. Cancer patients have lower NK cell activity compared to healthy individuals, and it must be restored.

This book offers a complete approach, including alternative diagnostic methods such as Live Blood Analysis, Oxidative Dried Blood testing, and a new option focusing on molecular markers testing. A comprehensive approach to diet and supplements, along with reports of some of the best cases from the author's clinic, complete this presentation of a new approach to cancer.

*"I believe you are one of the most original and the most productive personalities in the files of Integrative Cancer Therapies. I feel honored to collaborate with you."*  
 — Joseph Brenner, M.D., Medical Oncologist  
 Head of the Oncology Institute at the Wolfson Hospital in Holon, Israel  
 and Director of the New Hope Institute of Alternative Medicine

*"Thank you for your incredible contribution to the field of integrative oncology."*  
 — Dr. Daniel Thomas, USA

*"Dr. Jurasunas is another pioneer that will go down in history for his life-saving conclusions and his selflessness in sharing his information with the world. We are fortunate to have Professor Jurasunas' work in print."*  
 — Sue Vogan, Ph.D., D.N.M.  
 Radio show host, Author, Lyme disease advocate, Ocala, Florida



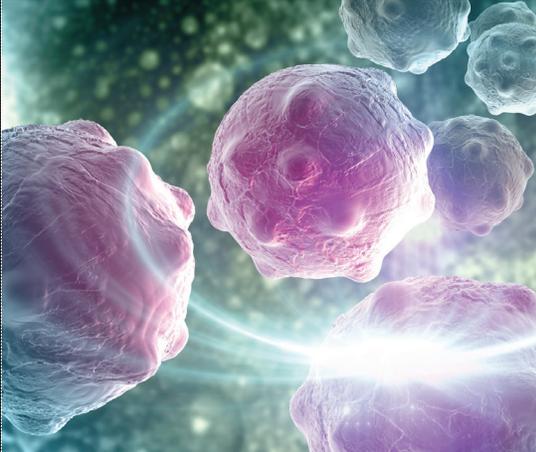
Professor Serge Jurasunas is an internationally-renowned doctor working now for half a century with cancer patients, offering his experience using a Rice Bran Arabinoxylan compound with strong properties that activate NK cells against cancer cells.

In *Cancer Treatment Breakthrough*, Dr. Jurasunas shows us how this natural compound synergizes with chemotherapy increasing its efficacy, while it also serves to prevent cancer.



Cancer Treatment Breakthrough | Professor Serge Jurasunas

**Cancer Treatment Breakthrough**  
*Immuno-Oncology*  
 Using Rice Bran Arabinoxylan Compound



**Professor Serge Jurasunas**  
 Foreword by Leigh Erin Connealy, M.D.

**Read my new book**

**Examples of chapters contained in the book**

- The need for new nontoxic Therapies
- Introduction to Immune-Oncology
- Immune-Oncology and treatment
- What are Natural Killer cells
- Oxidative Stress and Cancer
- How the P53 gene modulates Key regulators of the immune signaling pathways
- Evaluation of the Oxidative Dried Blood Test
- Live Blood Microscopy Analysis
- Testing for Molecular Markers
- Rice Bran Arabinoxylan compound (RBAC) A Functional food with Anti-Cancer properties
- Rice Bran Arabinoxylan boosts NK cell activity
- Rice Bran Arabinoxylan synergizes chemotherapy and increase its effectiveness
- Association between NK cell activity and good prognosis in cancer patients
- Cancer recurrence can be stopped with immunotherapy
- Rice Bran Arabinoxylan and curcumin sensitizes cells to chemotherapy by increasing apoptosis in cancer cells.
- My personal experience treating cancer patients.
- Presentation of clinical case.

All the blood test of molecular markers as presented in this Clinical Cancer Strategy is done by the Taylor-Galkina Laboratory in England under the supervision of Dr Olga Galkina Taylor a Russian scientist and world expert in tumor suppressor P53 pathway. The testing can be done by doctors from any countries. Material is send from the laboratory with instruction of how to collect blood.

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**The book is available through Amazon for all countries or contact:**

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In Europe – Email: [monika@dhdeurope.com](mailto:monika@dhdeurope.com)

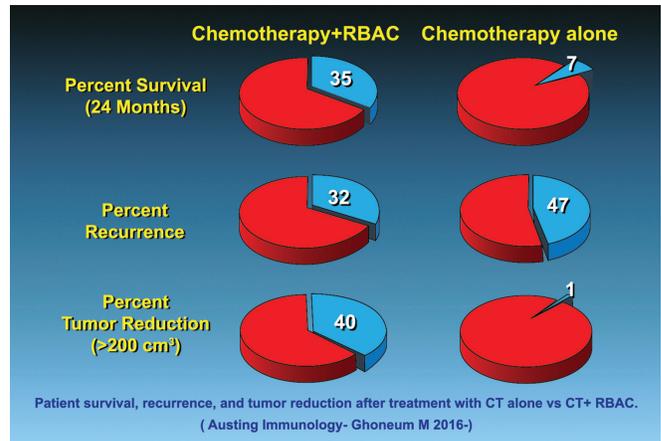
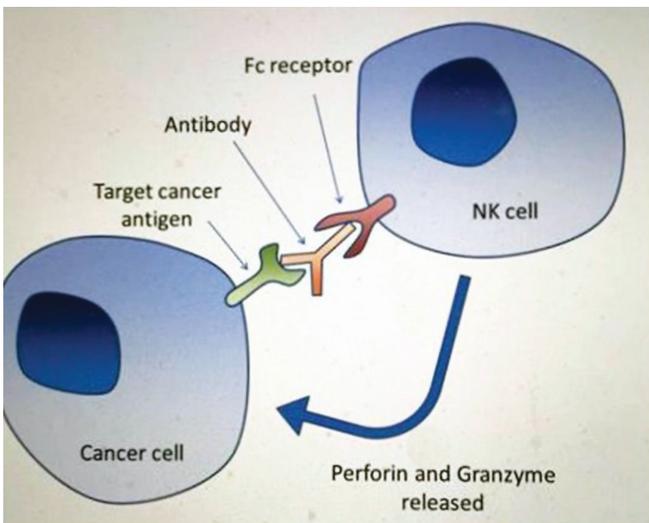
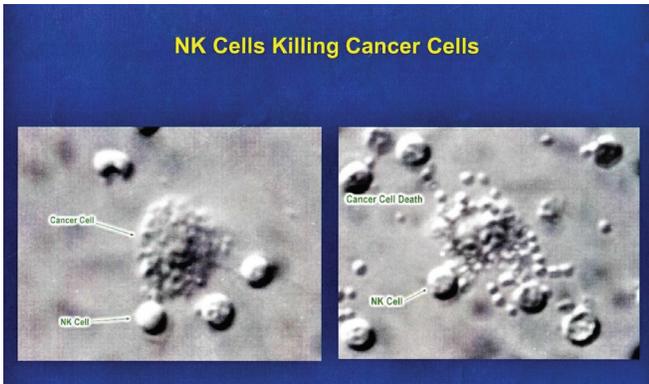
Japan and Asia – Daiwa Pharmaceutical Co. ltd Tokyo Japan

Phone: 03-543-4050

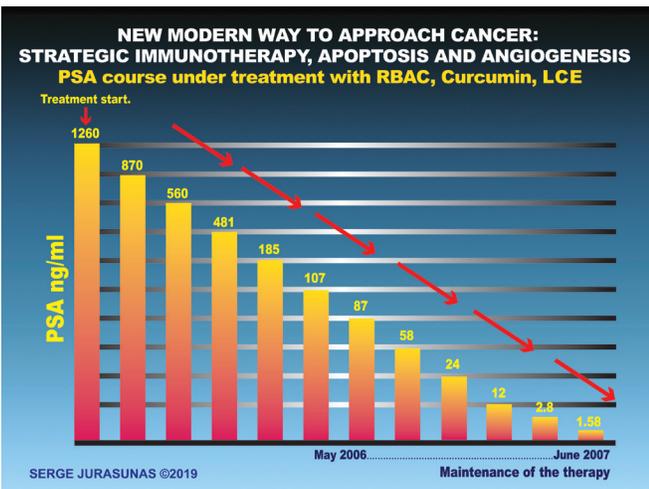
**Note to readers**

These treatment protocols and alternative testing methodologies are not yet approved by the Food and Drug Administration and are, by no means meant to substitute for care by medical doctors. This protocol does not suggest by any means that the proposed natural agents cure cancer.

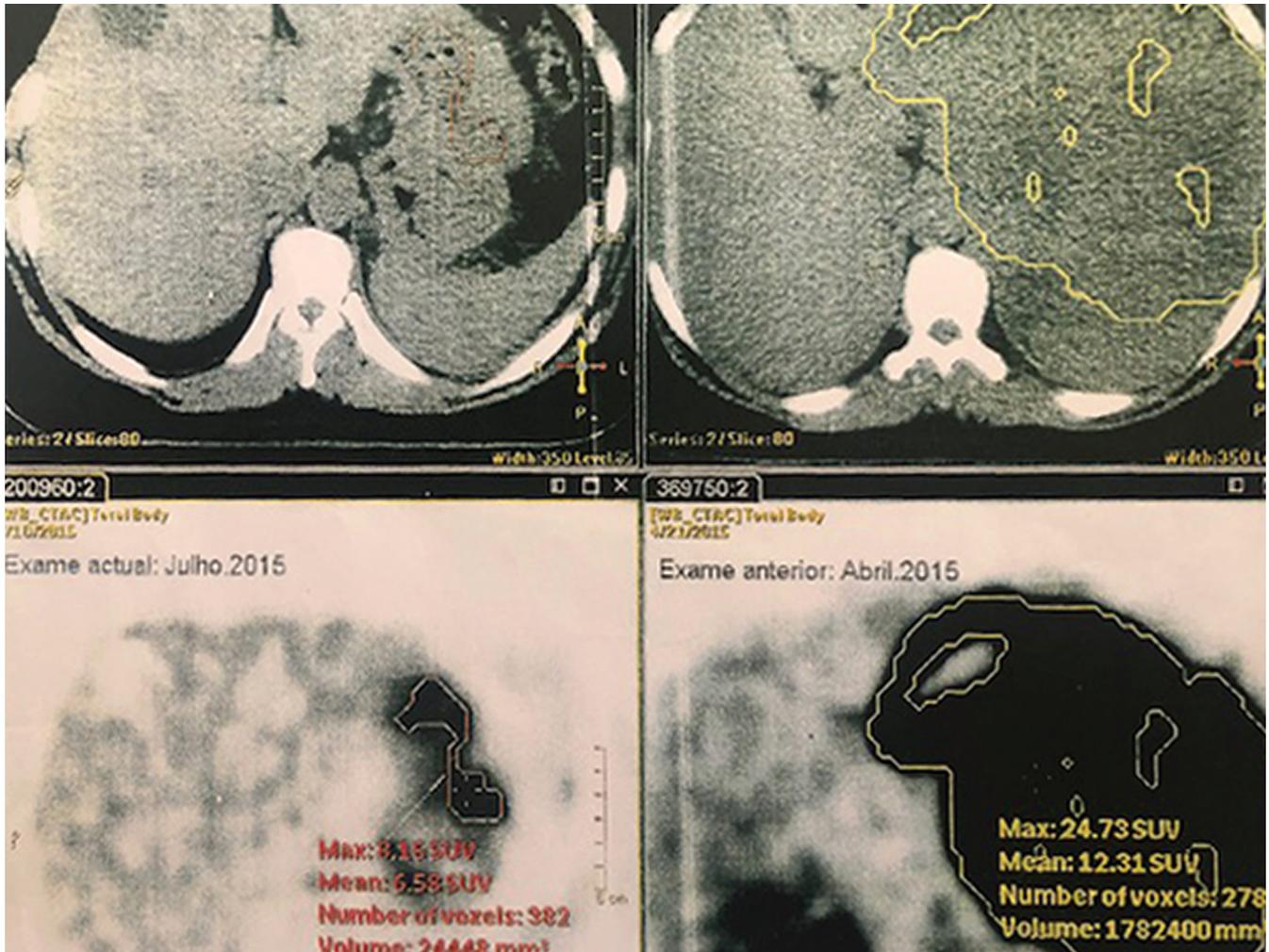
## Examples of illustrations in my book



Figures below of the Live Blood Analysis before and after treatment referring to the breast cancer case page 20 with the testing ↓



## Example of an Advanced Stomach Cancer



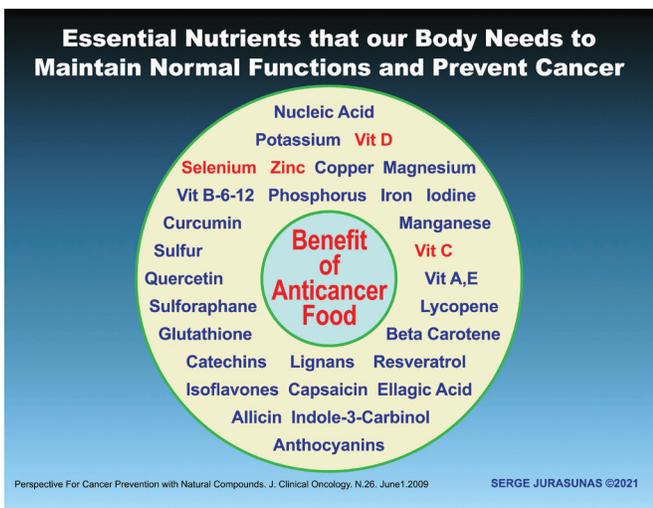
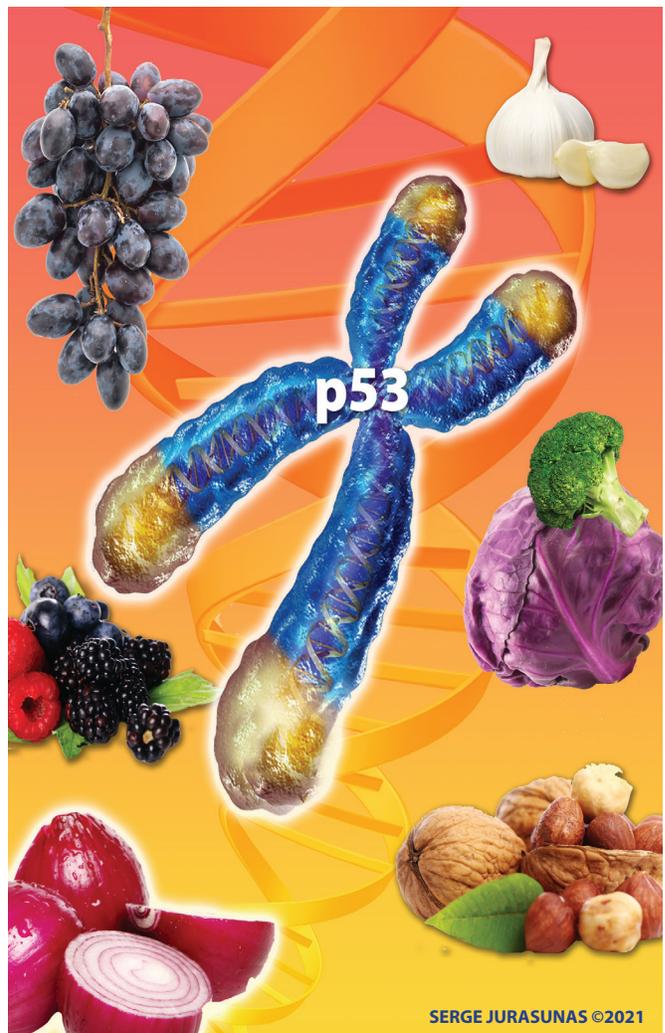
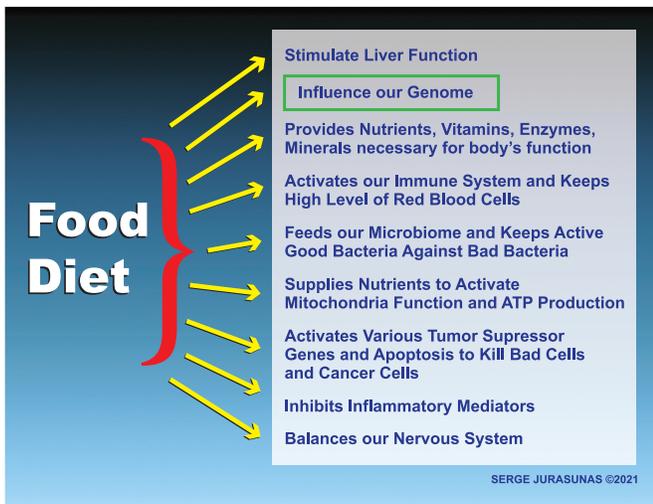
F. patient 38 years old with advanced cancer of the stomach, with a very large 18cm tumor and several secondary large lesions up to 4cm. (See on right scan showing in dark, the huge tumor).

### Prior to the treatment.

Her molecular markers testing had shown slightly activated P53 gene expression but producing mutated protein.

### Treatment. RBAC (Biobran) + curcumin+LCE+chemotherapy (LCE= Liquid Shark Cartilage Extract).

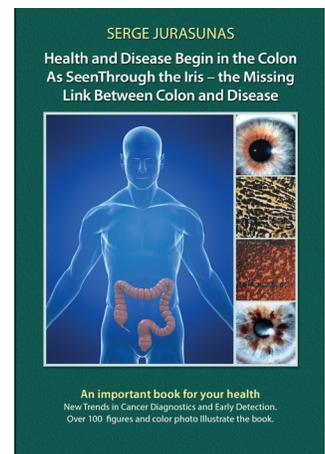
After the treatment for 3 months see how the very large tumor was reduced by 80% or more including the secondary lesions. Also the patient felt good, strong and suffered no side effects from chemotherapy. Our treatment increased by 4x the expression of the P53 gene and we reversed mutated protein to normal protein, which lead to the destruction of cancer cells. (See the case in my book pages 190-192).



## Food and Cancer Diet

I have been working with cancer and different food diets for now over 50 years and it makes an overwhelming difference when it comes to having a total approach of cancer and help patients to feel better and help the body to recover faster. Natural food may contain a variety of dietary agents with anticancer properties such as activating P53 tumor suppressor gene and apoptosis, the immune system, to reduce inflammation, to detoxify, improve the microbiome, etc.

For more information on food, diet program, detox, breast cancer, recipes of healthy food consult my book. "Health and Disease Begin in the Colon" featuring Professor Serge Jurasunas Natural Medicine (available on Amazon). A most important book for Health Professionals to learn more.





# Serge Jurasunas Clinical Cancer Strategy

## Immunotherapy the 4<sup>th</sup> Pillar of Oncology

