

Natural Cellular Defense

Summary

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Research Papers Scientific Research Monograph (PDF File)

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Open-label trial conducted by the researchers at LifeLink Pharmaceuticals in Ohio.
(14 month study of 65 level four cancer patients)

Independent Article:

Natural Cellular Defense and Zeolite - is it the next big thing in nutritional therapies for cancer and chronic disease? by The Health Ranger.

This summary details a major breakthrough in detoxifying the human body of the carcinogens, heavy metals, viruses, bacteria, fungi, and overall acid conditions that promote and cause disease.

Some 70,000 chemicals are being dumped into our environment, 65,000 of which are potentially hazardous to our health. We live in a virtual sea of pollutants, and carry many of these toxins within us. They can be found even in unborn children. A 2004 study by the Environmental Working Group identified 287 industrial chemicals in babies. Umbilical-cord blood, including 180 known to cause cancer and 217 that are toxic to the brain and nervous system.

In my research to develop a detoxification system for prospective mothers, I recently learned about a naturally occurring mineral called **zeolite**, which has a unique, negatively charged, crystalline structure. **Zeolite** is formed from the fusion of lava and ocean water, and combines all four elements. I feel that zeolite is an alchemical gift from God.

It has been used for more than 800 years in Asia as a remedy for overall health and well-being, and is on the FDA's GRAS list (Generally Recognized As Safe). Zeolite is available commercially in a purified, activated form, in the product Natural Cellular Defense.

The Research Results On Zeolite Are Very Impressive

1. **Zeolite** appears to prevent and may become an important treatment for cancer. In one study, 78 percent of the 65 participants with terminal cancer (all types) are now in complete remission for 12 months (LifeLink Pharmaceuticals, 2005).
2. It has a chelation-like effect in removing heavy metals (particularly lead, mercury, cadmium, and arsenic), pesticides, herbicides, PCBs, and other toxins from the body. These toxins are strongly correlated with the occurrence of a wide range of diseases, including cancers and neurological disorders such as Alzheimer's, autism, and dementia.
3. Zeolite also improves liver function, indirectly improving elimination of pesticides, herbicides, and xeno-estrogens.
4. Zeolite appears to block viral replication, and may prove to be a potent anti-viral and general remedy for all viruses. To date, 40 anecdotal cases of herpes zoster have reportedly been healed. Preliminary anecdotal case studies suggest that it may help alleviate rheumatoid arthritis, multiple sclerosis, and hepatitis C as well as the common cold and flu.

5. Zeolite's binding power was proven during the Chernobyl disaster, when tons of it were used to remove radioactive cesium and strontium-90 before they contaminated local water systems.
6. Zeolite creates a natural buffer in the system by establishing an optimal pH level (between 7.35 and 7.45), which in turn activates healthy brain function and a strong immune system.
7. It shows promise as an effective detoxifier for prospective mothers.
Recently, at the Tree of Life Rejuvenation Center, Natural Cellular Defense was added to the protocol for the 10-day detoxification program for prospective mothers. In two women who just completed the program, toxins in their breast tissue dropped significantly from 12 in one and 13 in the other to only two, over the course of seven days. Although anecdotal evidence and centuries of use in Asia suggest that Zeolite is safe to use even during pregnancy and breastfeeding, its safe use in pregnancy has not been proven in double-blind studies.
8. According to testimonials, Zeolite promotes a sense of well-being, clarity, and happiness. It appears to do this as a consequence of eliminating toxins and also, according to preliminary research, by increasing serotonin production. One study suggests that Zeolite also helps relieve depression.
9. Anecdotal reports suggest that Zeolite increases energy, immune function, and general health.
10. Zeolite neutralizes the formation of nitrosamines in the stomach. Found in processed meats, nitrosamines are one cause of stomach cancer. Another positive effect on the stomach, according to many anecdotal reports, is relief of acid reflux.
11. Testimonials suggest that Zeolite captures triggering antigens, which cause allergies, migraines, and asthma, decreasing the rate and severity of these symptoms.
12. Zeolite directly absorbs free radicals and thus decreases free radical activity and damage to the body.
Natural Cellular Defense is a clear, tasteless, and odorless liquid that, taken daily as oral drops, supports us in living healthy, happy, and active lives in an increasingly toxic world.

NATURAL CELLULAR DEFENSE: Main Article

Toxins poison our air, our water, our food, and our bodies. According to the EPA, 70,000 chemicals are used commercially in the U.S., 65,000 of which are potentially hazardous to our health. The Environmental Defense Council reports that more than four billion pounds of toxic chemicals are released into the environment each year, including 72 million pounds of known carcinogens. Cancer fatalities account for approximately 12 percent of all deaths worldwide each year. Across the globe, 10.9 million people are diagnosed with cancer annually and 6.7 million die because of it. According to the World Health Organization, global cancer rates could increase by 50 percent in the next 15 years. The U.S. ranks in the top three countries with the highest cancer rate in both men and women.

The toxic onslaught doesn't stop with carcinogens. A joint study by Mt. Sinai School of Medicine, Commonweal, and the Environmental Working Group in 2003 identified a total of 167 hazardous compounds in the blood and urine of American adults (with an average of 91 per person tested), including 76 known to cause cancer, 94 that are toxic to the nervous system, 82 that damage the lungs, 86 that affect hormone function, and 79 that cause birth defects. A study by the Environmental Working Group in 2004 found a total of 287 industrial chemicals in babies' umbilical-cord blood, including 180 known to cause cancer, 217 that are toxic to the brain and nervous system, and 208 that cause birth or developmental defects in animals. As many as 25 percent of Americans are estimated to suffer from some degree of heavy metal poisoning, particularly from mercury, lead, cadmium, and arsenic. We are also exposed to a significant amount of radiation and increasing viral attacks. Our immune systems are further compromised by poor nutrition and unhealthy lifestyles, and most of us suffer from an excessively acidic pH level, which creates an internal environment in which cancer, as well as viral, bacterial, and fungal infections can thrive.

In my work to develop a detoxification system for prospective mothers to enable them to bring non-toxic babies into the world, I have searched for a simple, natural remedy that could serve as a practical antidote for toxicity. Recently, I learned about Zeolite, a naturally occurring, negatively charged mineral, with a unique crystalline structure. Zeolite is formed from the fusion of volcanic lava and ocean water, and combines the four elements: air, earth, water, and fire. It has been used for 800 years throughout Asia as a traditional remedy to promote overall health and well-being, and for 30 years in the U.S. in animal feed. It has also undergone 13 years of pharmaceutical research in the U.S. with humans. Zeolite is included on the Food and Drug Administration's GRAS list (Generally Recognized As Safe) and thus is considered to be completely safe.

A biochemist from a small pharmaceutical company in Ohio researched and purified Zeolite, was amazed by its potential, and was granted a patent (U.S. #6,288,045). That patent is now held by Rik J. Deitsch, a

nutritional and research biochemist, who leases it to **Waiora**, the company that markets purified **Zeolite** as '**Natural Cellular Defense**'.

Zeolite may well be one of the most potent natural preventatives and treatments for cancer ever discovered. LifeLink Pharmaceuticals recently completed a preliminary, 14-month, open-label study of 65 level-four, terminal-stage cancer patients. These people had various types of cancer, and all of them had been sent home to die. After taking purified Zeolite, 51 of them (78 percent) experienced complete remission, which means that their cancer disappeared. This preliminary research suggests that

purified and activated Zeolite may be effective in treating all forms of cancer, leukemia, and lymphoma.

Zeolite's mechanism of action against cancer cells is unique and unlike that of any other substance I have studied. Theoretically, it has the rare ability to take in a tremendous amount of positively charged toxins, indirectly neutralizing their effect in causing cancer. In the process, the Zeolite develops a slight positive charge. It is then attracted to and pulled right into the negatively charged membrane of the cancer cell. When the Zeolite moves inside the cancer cell, the cell's P21 gene is activated. This gene acts as a tumor suppressor through its ability to control

cell-cycle progression. The activation of P21 appears to halt the growth of tumors by directly suppressing growth signals.

During in-vitro studies using Zeolite, all cancer cells tested were destroyed within 72 hours (LifeLink Pharmaceuticals, U.S. Patent #6288045, 2001). This is a claim that cannot be made about any other substance. However, because it is still in the preliminary research phase, it is too soon to declare that Zeolite is a cure for cancer.

What we can say is that Zeolite has a chelation-like effect in removing heavy metals, pesticides, herbicides, and other positively charged toxins from the system. Zeolite's negatively charged crystalline structure is what makes this possible. Its crystals act as cages, inside of which are positive ions. These positive ions switch places with positively charged toxins in the body, tightly bind them, and excrete them completely. One of the benefits of binding toxins in this manner is that they are 100 percent excreted. Heavy metals, pesticides, and herbicides all leave the system; they do not get deposited elsewhere in the body. Forty percent of Zeolite binds heavy metals in the gastro-intestinal tract, and 60 percent binds toxins in the bloodstream and at the cellular level. Zeolite's binding power was proven during the Chernobyl disaster, when tons of it were used to remove radioactive cesium and strontium-90 before they contaminated local water systems. Acting primarily as a chelator, Zeolite trapped these radioactive minerals within its crystalline cage structure.

Zeolite appears to remove toxins from the body in a hierarchical order. It first acts strongly to remove lead, mercury, cadmium, and arsenic. This first phase may take one to four weeks or longer. Zeolite then removes second-priority toxins, including pesticides, herbicides, and plastics. Zeolite appears to increase the rate of glucuronization in the liver, activating phase II of the glucuronidase function. This in turn removes pesticides, herbicides, and xeno-estrogens from the body, releasing them through the urine. Interestingly, it also appears to neutralize the aflatoxin poison. A third function of Zeolite is to trap pre-virus components, preventing the replication of viruses and their ability to make us sick. In this way, Zeolite may play an important role as a broad-spectrum anti-viral. Viruses are produced in parts as on a production line, at the end of which the virus is fully constructed. Zeolite absorbs viral parts into the pores of the micronized Zeolite aggregates (not into the chelating-like cages described above). This explains why Zeolite seems to block the development of many viral infections, including herpes virus 1, coxsackie virus B-5, eccovirus 7, and adeno virus 5. Forty anecdotal cases of herpes zoster have reportedly been cured, with sufferers becoming pain-free in one to three days after beginning to take Zeolite. Anecdotal testimony also reports that it is effective in alleviating or curing the flu, colds, hepatitis C, viral or heavy-metal induced multiple sclerosis, and rheumatoid arthritis. Zeolite's effect as an anti-viral appears to be a preventative function that builds up over time, beginning after approximately four to six weeks of use, when heavy metals, pesticides, and herbicides have been mostly eliminated. There is anecdotal evidence, however, that in some cases its anti-viral effect seems to be immediate.

Zeolite also is a unique antioxidant. A traditional antioxidant works by absorbing excess free radicals into its system because it has an unpaired electron. In contrast, Zeolite traps free radicals in its complex structure, inactivating and eliminating them. In this way, it acts as a complement to traditional antioxidants. In addition, Zeolite buffers the system towards slight alkalinity by establishing pH levels of 7.35 to 7.45, which is the optimum pH for the human body. The body's pH level influences both immunity and brain function. An acid blood pH (7.34 or lower) creates a precondition for cancer. In an acid environment, brain cell function can also be impaired, causing depression, anxiety, stupor, paranoia, delusions, hallucinations, or even psychosis.

Zeolite also appears to balance the immune system, either up- or down-regulating it as needed. Although the precise mechanism for this is not entirely understood, this function is clearly very important in a world in which most people's immune systems are seriously compromised. Because Zeolite so powerfully removes various types of toxins from the body, it naturally increases energy and well-being. Users report improvements in mental clarity and a sense of peace, wellness, and happiness. These are what we term positive secondary effects. For example, clearing out heavy metals allows the body's magnesium stores to work efficiently with adenosine triphosphate (ATP), the biological source of energy in the body. When this interaction is occurring optimally, people have more energy and experience greater well-being. One study has demonstrated that Zeolite also appears to increase serotonin level, which is known to help alleviate some forms of depression.

Zeolite shows promise as an effective detoxifier for women who plan to become pregnant. Recently, at the Tree of Life Rejuvenation Center, it was added to the protocol for the 10-day detoxification program for prospective mothers. In two women who just completed the program, toxins in their breast tissue dropped significantly from 12 in one and 13 in the other to only two in seven days. Toxins in their liver and brain tissue also dropped to an average of only two. Based on centuries of use in Asia and anecdotal accounts of its use by pregnant women, Zeolite appears to be safe even for women who are pregnant or breastfeeding. However, its safe use in pregnancy has not been tested in double-blind studies, and no claims for safe use in pregnancy can be made.

Zeolite is commercially available in a purified and activated form, in the product Natural Cellular Defense. There are no reports of side effects, except one: because of its natural action to absorb water, Zeolite can cause dehydration. It is therefore important to drink sufficient water (approximately eight glasses a day) both before and while taking Natural Cellular Defense to ensure adequate hydration.

There is only one contraindication: Natural Cellular Defense is contraindicated for anyone taking a medication containing heavy metals, such as lithium, or containing platinum, which is found in some cancer medications. Before taking Natural Cellular Defense, check with your doctor to determine if your medication contains heavy metals or platinum.

Dosages:

NCD (Natural Cellular Defense) - Zeolite is a clear, tasteless, and odorless liquid.

Can be taken with under the tongue or with food or water or anytime!

ADULT CLEANSING/DETOX DOSAGE is 10 drops 3x a day for 15-45 days, 2-4x a year.

THERAPUETIC DOSE As a support for cancer prevention or as an addition to a cancer treatment program, 15 drops 4x a day is recommended.

MAINTENANCE DOSAGE of 3-5 drops, 1-3x a day can be taken

CHILD DOSAGE is 2 drops, 3x a day, as a general dose. 7 drops 3x a day for a therapeutic dose.

* **Zeolite** remains active in the body for 5-7 hours, and then needs to be replenished.

NCD will not interact with vitamins and minerals (lighter molecular weights) and will selectively bind to heavier metals (DU which is depleted Uranium, which is now in the global atmosphere, found in air samples in the UK, India and Europe, and has been fired in U.S. military ranges in the U.S. for years, leading to a 5x increase in lung cancer in the U.S. and birth defects in Iraq.

I (Dr Gabriel Cousens) take Natural Cellular Defense, and I feel that everyone living in the industrial world should be taking it on a regular basis. This product is very different from supplements that add to well-being, but are not essential. Natural Cellular Defense is simple, elegant, extraordinary, and vital for healthy living in today's toxic world. I believe this most unique, natural substance is an alchemical gift from God to help us face our present-day health challenges due to ecological ignorance or, as they are called in Ayurveda, prajna prathara or crimes against nature.

Like many useful and unusual products, it is also being distributed through network marketing and can be obtained at significantly less expense by those who become distributors. Becoming a distributor is a way of sharing good news and good health with family and friends.

To Become a distributor please contact Upaya Naturals at 416-617-3096 or info@upayanaturals.com

Gabriel Cousens, M.D., M.D. (H), has been a holistic physician since 1973.

A diplomate of the American Board of Holistic Medicine and of Ayurveda, he is the director of the Tree of Life Rejuvenation Center in Patagonia, Arizona, and the author of four widely read books:

1. SPIRITUAL NUTRITION - Six Foundations for Spiritual Life
2. CONSCIOUS EATING
3. DEPRESSION-FREE FOR LIFE - A Physician's All-Natural 5-Step Plan
4. RAINBOW GREEN LIVE FOOD CUISINE