

BIOLOGICAL THERAPEUTICS

September 20, 2007

CELL
THERAPY



WITH FULVIC ACID
Optimal Nutrient Absorption

For 100%

- Better nutrient delivery for optimal Cell Therapy, health and vitality
- Better detoxification boosts energy and improves cell health for youthful aging
- Better antioxidant activity reversing free radical damage

“If you had to choose just one nutritional supplement this would be the one!”



Biological Therapeutics Rejuvenate™ with Fulvic Acid is the only complete mineral, oxygen and nutritional supplement on the market today. Formulated as a micro-nutrient CELL THERAPY supplement, Rejuvenate offers optimal health with an unequalled nutrient delivery system that provides 100% optimal nutrient absorption to the cells.

A superior detoxifier, Rejuvenate boosts energy, reverses cell damage and rejuvenates the natural production of enzymes. An advanced and effective electrolyte and oxygen formula, it supports the immune system and promotes youthful aging. It's advanced formula offers immunological support and is one of the most powerful antioxidants and free radical scavengers known.

Rejuvenate contains 136 essential nutrients including: 74 electrically charged minerals (analysed), 16 trace minerals, 28 metabolic enzymes, and 18 amino acids, in a proprietary base of fulvic acid and deuterium sulphate. Rejuvenate is bottled exclusively in MIRON violet-glass to preserve its life-energy.

How does Rejuvenate Work?

Once mixed with water, Rejuvenate's truly unique combination of nutritional technologies provide water-splitting action that begins in the body the moment you take the first sip. Rejuvenate immediately releases oxygen to the body at the cellular level, and its highest quality, natural minerals, enzymes, electrolytes and amino acids are delivered simultaneously throughout the body. Since they are in the most bio-available and effective form possible, they go to work on the deepest cellular level.

Sick Soils + Sick Plants = Sick People

It's a well known fact that our soils are ailing from years and years of poor agricultural practices. Over the years, soil erosion and chemical residues from pesticides, insecticides, and herbicides have produced nutritionally empty, tasteless foods that continue to find their way to our tables.

Our once naturally fertile soils which were abundant with micro-organisms were rich in Fulvic Acid, vital in converting minerals to plant nutrients. Modern farming methods have depleted Fulvic from the soils and, to our detriment, have been missing from our diets for generations.

As a nation of consumers eating inadequate food, we are creating widespread mineral and vitamin deficiencies. You have little chance of maintaining good health if your body is consistently deprived of the nutrients and minerals it needs to function and to keep itself well.

We are living in a toxic world.

Since the industrial age human beings have been continuously bombarded by noxious substances that produce extremely high levels of toxicity in the body, levels the body was not designed to tolerate. Fossil fuel emissions, oxygen-depleted air, polluted drinking water, chemicals, pesticides, processed foods and stress, all negatively affect our health.

The cumulative effects of environmental and lifestyle toxicities, when combined with the virtual elimination of Fulvic from our food supply, has created millions of unhealthy people living with degenerative diseases such as arthritis, osteoporosis, hypertension, Alzheimer's, leukaemia, heart disease and cancer.

Researchers agree that many diseases are the result of mineral and vitamin deficiencies.

Scientists have identified at least 90 growth and maintenance nutrients that must be continuously supplied and are vital to life. If we fail to supply adequate nutrients to the cell, the cell will experience a breakdown. When the breakdown is substantial we have the onset of disease.

Most degenerative diseases such as cancer, Alzheimer's, arthritis, osteoporosis, hypertension, heart disease, muscular dystrophy, carpal tunnel syndrome, cataracts, are directly or indirectly related to mineral deficiencies.

"The earth's plants are no longer manufacturing the minerals they once did. Soils that were enriched with over 60 essential minerals are now depleted because of intensive farming and the use of industrial fertilizers and pesticides." – Dr. Karim Dhanani

Fulvic. The Scientific Breakthrough.

Fulvic is rapidly being recognized as one of the key elements in many scientific breakthroughs. It is one of the most crucial factors in the reversal and prevention of disease as well as the maintenance of good health. Nature made Fulvic abundantly available, but like many things, man has interfered with this vital process and it is no longer available in adequate quantities in the foods we eat. You must provide your body with this essential element through supplementation. Scientists have found that Fulvic is the element that makes minerals absorbable, which gives it the ability to make a dramatic impact on all kinds of diseases and health problems that afflict us today.



What does Rejuvenate with Fulvic do in the body?

The Fulvic molecule prepares nutrients to inter-react with each other. When Fulvic is present, nutrients are dissolved into the simplest ionic form making vitamins and elemental trace minerals more absorbable by complexing them—refines, purifies, combines and re-refines—into organic, ionic forms that are easily transported into and through membranes and cell walls.

Once the nutrients are dissolved they become biochemically reactive, bio-available, mobile, and readily absorbable. In a nutshell, this means you get greater benefit from all your nutrients, whatever the source. When Fulvic is present it can often transport many times its weight in dissolved nutrients and elements. Fulvic is so powerful that absorption greatly exceeds traditional tablet supplements.

Fulvic makes minerals and nutrients more absorbable by the body.

Fulvic Acid makes cell walls more permeable, so nutrients can more easily enter the cell, as well as allowing waste to leave the cells more readily. One of the strongest advantages of fulvic minerals is that absorption greatly exceeds traditional tablet supplements. As with any nutrient or supplement, the only way your body can benefit, is if it is absorbed. Fulvic enhances this process. Fulvic transports nutrients and oxygen directly into the cell where it is needed.



Fulvic increases absorption of oxygen and decreases acidity.

Lack of blood oxygen is a major contributing factor for acidity. Excess body acidity is associated with virtually all degenerative diseases including cancer, heart disease, osteoporosis, arthritis, kidney stones, tooth decay, sleep disturbances, depressive disorders, and more. Fulvic quickly destroys acid in the body fluids which helps increase the amount of oxygen in the blood.

Fulvic improves enzyme development.

Research has shown that Fulvic improves enzymatic reactions in cells and produces maximum stimulation of enzyme development. Enzymes are responsible for over 1 trillion complex reactions that occur in the body daily. They are the life force behind vitamins and minerals. A lack of digestive enzymes can over stress the digestive system, leading to the malabsorption of nutrients.

Fulvic is the most powerful natural free-radical scavenger and anti-oxidant known to science.

Free radicals circulate throughout the body, injuring tissue and making cells susceptible to infections, diseases, or worst of all, cancer causing mutations. Fulvic bonds to these free radicals, transforming them into organic, usable substances, or if the cell is too damaged, it is flushed out of the body.

Fulvic is a powerful detoxifier.

Fulvic has the ability to complex and remove toxic heavy metals and other pollutants from the system. It alters them into useable compounds or eliminates them as waste. It detoxifies pollutants, including herbicides, radioactive elements, and toxic metals, by binding to these substances and flushing them out of the body.

Fulvic balances and energizes all cell life and biological properties it comes in contact with.

Because Fulvic carries both a negative and a positive charge, it energizes cells, and can behave as an electron donor or acceptor, depending on the need. If the individual cell is restored to its normal chemical balance and electrical potential, we have given cells life, where death and disintegration would normally occur. What if the newly energized cells belong to a liver, a heart, or a the thyroid? Those organs could have the potential to function at peak performance. Scientists believe disease is rampant today because people are so deficient in Fulvic and the minerals, trace elements, and nutrients it contains.

“If you use Rejuvenate regularly, its effectiveness will shortly become evident as will the positive change in your health.”

Fulvic eliminates the build up of heavy metals.

Because Fulvic is organic, it will not build up in the body tissues, as do metallic and clay based minerals. When presented as organic Fulvic complexes, cells have the ability to accept or reject minerals, including aluminum, lead, arsenic, mercury, etc., at their discretion. It should be considered though that these minerals may not necessarily be present to “nourish” cells, but are needed to act as “electrodes” in the Fulvic electrolyte solution. In that capacity they are probably most essential for bio-reactions, electron transfer, catalytic reactions and transmutations.

It is obvious that when metals, minerals and trace elements become complexed into Fulvic, they take on an entirely new property of availability, unlike their original form. It is when Fulvic is not present that one should seriously worry about toxic build-up from any source.

Rejuvenate with Fulvic Acid is a powerful arsenal that's Vital to Life.

Fulvic is an immense arsenal of powerful phyto-chemicals, biochemicals, supercharged antioxidants, free-radical scavengers, nutrients, enzymes, hormones, amino acids, antibiotics, antivirals and antifungals. By adding Fulvic to our CELL THERAPY products, we have increased absorption and bio-availability, making Rejuvenate one of the most effective products on the market today.

Health begins with nourished cells.

For cells to stay alive and thrive, they need the following:

1. A daily source of organically derived vitamins, minerals and enzymes from our foods.
2. An optimum environment in which to grow, meaning balanced pH levels.
3. Hydration—fresh water and oxygen.



Trace minerals are critical for human health. Even a slight deficiency of trace minerals in our bodies has been linked to diabetes, depression, high blood pressure, stress, hyperactivity, memory loss, slow healing, hypoglycaemia and premature aging.

The reality is, without oxygen and proper amounts of essential nutrients (vitamins, minerals and enzymes) working together, acid salts and waste collect around cell walls, the DNA sequence does not get programmed properly and cells become dormant. When enough non-programmed cells accumulate, tumours develop.

Fulvic is nature's miracle.

Fulvic is nature's miracle because it does so many things. Its benefit claims are a little short of astonishing. For internal use they are:

- Increases energy and energizes the cells
- It's a ferocious antioxidant and free radical scavenger
- Chelates heavy metals & body toxins, removing them from the system
- Makes cell walls more permeable and transports nutrients into the cells
- Extends the time nutrients remain active—increasing the availability of essential nutrients
- Increases metabolism of proteins, contributes to DNA / RNA synthesis
- It's a powerful natural electrolyte
- Restores electrochemical balance
- Increases activity of enzyme systems
- Helps rebuild and stimulate the immune system
- Increases bioavailability and absorption of nutrients
- Dissolves and complexes minerals in soil making them bio-available
- Prepares nutrients to inter-react with each other
- Increases absorption of oxygen and decreases acidity
- It has antibiotic properties

Fulvic's benefits to agriculture:

Fulvic's agricultural benefits have enormous potential to heal soils of the world and neutralize radioactive and toxic wastes. It also decreases the need for antibiotic use in feed lot animals and birds, increasing healthy growth.

Fulvic. The supercharged Electrolyte

It has been said that cellular electrical energy is the life force of the body. Cells disintegrate and die when electrical energy is reduced. It is believed that electrical and chemical balances within the cell can be created and controlled by electrolytes—the body's mini battery chargers. Fulvic is one of the most powerful natural electrolytes known to man.

The supercharged Fulvic molecules balance cellular life, restoring the electrical potential that was once normal to the cell by charging, regenerating, regulating and delivering their living energies to the living cells.

Electrolytes have been shown to be able to restore life in cells. When electrolyte potential is taken away during tests, the cell ruptures and disintegrates into surrounding fluids. When a person experiences overwhelming emotional stress, infections, unbalanced diet, prolonged loss of sleep or other systemic shock, there is a steady decrease in electrical potential of cells, eventually resulting in cell death. Fulvic is both an electron donor and an electron acceptor making it one of the most important substances for electrochemical balance.

The Zeta Potential of Fulvic in Rejuvenate

The inclusion of Fulvic gives Rejuvenate a very high zeta potential which is the ability of a molecule to hold an electrical charge. Zeta potential is a basic law of nature that says the smaller the size of the colloid the longer the colloid can hold its Zeta potential.

Fulvic maintains the ideal environment for dissolved mineral complexes, elements and cells to bio-react electrically with one another causing electron transfer, catalytic reactions and transmutations into new minerals. It helps with human enzyme production, hormone structure, and is necessary for the utilization of vitamins. It has been found necessary for metabolic processes.

The Truth About The Vitamin Connection

Increased dosages of vitamins and minerals to treat many human and animal ailments have been advocated by leading researchers for decades. However, it is crucial to remember that without Fulvic, vitamins cannot complete their function in the cell's metabolism without proper absorption into the cells. Therefore it is crucial that all the vitamins, all the minerals and Fulvic are provided in a baseline supplement in order to receive consistent, significant results. Additional individual supplements can be added as needed.

“99% of North Americans are deficient in minerals and trace elements.”

Senate Document #264

Rejuvenate's micro-nutrient analysis

Rejuvenate's micro-nutrients have been analysed and contain 136 essential nutrients, including: 69 electrically charged minerals (analysed), 21 trace minerals, 28 metabolic enzymes and 18 amino acids, in a proprietary base of fulvic acid and deuterium sulphate.

MINERALS

Analyte	Amount (mg/L)	Analyte	Amount (mg/L)
Antimony	0.044	Nickel	0.020
Barium	0.088	Niobium	<0.080
Beryllium	0.028	Osmium	<0.020
Bismuth	<0.040	Palladium	0.052
Boron	0.460	Phosphorus	0.060
Bromine	1.348	Platinum	<0.020
Calcium	53.200	Potassium	2.456
Carbon	1,880.000	Praseodymium	0.064
Cerium	0.276	Rhenium	0.016
Cesium	0.340	Rhodium	<0.020
Chloride	13,396.000	Rubidium	1.400
Chromium	0.032	Ruthenium	0.044
Cobalt	0.024	Samarium	0.236
Copper	4.880	Scandium	0.028
Dysprosium	0.156	Selenium	6.600
Erbium	0.264	Silicon	52.400
Europium	<0.040	Silver	0.024
Fluorine	0.376	Sodium	22.680
Gadolinium	0.164	Strontium	4.120
Gallium	0.156	Sulfur	12.200
Germanium	<0.040	Tantalum	1.476
Gold	0.016	Tellurium	0.328
Hafnium	<0.040	Terbium	0.072
Holmium	0.020	Thallium	0.204
Indium	2.080	Thorium	0.040
Iodine	3.440	Thulium	0.040
Iridium	<0.020	Tin	0.084
Iron	14.600	Titanium	0.024
Lanthanum	0.044	Tungsten	0.132
Lithium	0.024	Vanadium	8.440
Lutetium	0.020	Ytterbium	0.012
Magnesium	83.600	Yttrium	0.036
Manganese	3.408	Zinc	28.880
Molybdenum	0.036	Zirconium	0.080
Neodymium	0.100		

Other trace minerals: Actinium, Argon, Astatine, Helium, Hydrogen, Krypton, Neon, Nitrogen, Oxygen, Polonium, Promethium, Silica, Technetium, Xenon.

ELECTROLYTES

Cell Therapy™ Rejuvenate with Fulvic Acid contains electrolytes that super-charge and support the healthy electrical integrity of the body's natural colloidal systems including the blood itself, imparting a negative charge to the red blood cells to restore their maximum functionality.

Enzymes	Metabolic Enzymes: Hydrolases Carbohydases: Maltase, Sucrase, Emulsin
Nucleases	Polynucleotidase, Nucleotidase
Hydrases	Fumarase, Enolase
Peptidases	Aminopolypeptidase, Dipeptidase, Prolinase
Esterases	Lipase, Phosphotase, Sulfatase
Copper Enzymes	Tyrosinase, Ascorbic Acid, Oxidase
Iron Enzymes	Catalase, Cytochome Oxidase, Peroxidase
Enzymes containing coenzymes 1 and/or 2	Lactic Dehydrogenase, Robison Ester, Dehydrogenase
Yellow Enzymes	Warburg's Old Yellow Enzymes, Diaphorase, Haas Enzyme, Cytochrome C Reductase
Enzymes which reduce Cytochrome	Succinic Dehydrogenase, Amidase, Urease
Mutases	Aldehyde Mutase, Glyoxalase
Desmolases	Zymohehexase, Carboxylase
Other Enzymes	Phosphorylase, Phosphohexisomerase, Hexokinase, Phosphoglumutase
Amino Acids	Alanine, Arginine, Aspartic Acid, Cysteine, Glutamic Acid, Glycine, Histidine, Isoleucine, Lysine, Methionine, Phenylalanine, Proline, Serine, Threonine, Tryptophan, Tyrosine, Valine

Biological Therapeutics Rejuvenate. The most effective dietary CELL THERAPY supplement available today.

If you have been looking for something that can help you overcome a chronic condition that has created a great deal of unrest in your life—you just may have found it. Rejuvenate is "*Vital To Life*".

Taking Rejuvenate is as simple as drinking water.



Adults can simply stir 6 drops into 235 mL (8 oz) of pure water, 3 times per day, or during stress or physical activity. It is best taken between meals (30 minutes before or 1 hour after). *Children* under 16 use half the amount.

Here's a great idea: Rejuvenate can be pre-mixed for added convenience. Just mix 1 day's amount in a water bottle and sip it throughout the day. 18 drops in 1 Litre of pure water is a full day's dosage.

Additional dosages of Rejuvenate can be taken to increase energy and to accelerate overall performance.

Caution: Pour carefully when undiluted. Contains organic enzymes. Avoid eye contact. Rinse with water if dropped in eyes. Pregnant or nursing mothers, or if under medical care, consult a health professional.

Biological Therapeutics Rejuvenate™ is distributed by Biological Therapeutics Inc.

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www.biologicaltherapeutics.com