

BIOLOGICAL THERAPEUTICS REJUVENATE™

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CELL
THERAPY



BIOLOGICAL THERAPEUTICS REJUVENATE™ The Premier Zeta-Factor

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Every cell in the body has an electrical potential. It is the electrical energy that differentiates life from death. The electrical potential, also called the zeta-potential, ranges from 70 to 90 millivolts in a healthy human cell.

A very high zeta-potential is the ability of a molecule to hold an electrical charge. zeta-potential is the force that maintains the discreteness of all the cells in our body. As we age or become ill, our zeta-potential drops and so does our energy. This is one reason why it is difficult to get out of bed, exercise or maintain self-motivation as we either become toxic, older or unhealthy. Without energy, without cellular electrical potential, we not only lose our health, youth and drive, we have a difficult time absorbing nutrients.

Introducing Biological Therapeutics Rejuvenate™

Biological Therapeutics Rejuvenate™ is by far, the premier zeta-potential nutritional product on the market. By “charging” our systems with Rejuvenate™, it not only reenergizes our cells, it also allows better absorption of trace minerals and nutrients to be more bio-available to our cells.

We call this the CELL THERAPY Zeta-Factor.

The secret behind the power of Rejuvenate is fulvic acid which helps transport nutrients and minerals through to cells and is capable of helping cells recharge with a high zeta-potential, restoring and maintaining their potential. The higher the zeta-potential the better the environment for carrying nutrients into the cells and carrying toxins out.

Chemists say that zeta-potential is what keeps the billions of cells in the body in circulation. Unhealthy foods causing high levels of toxins in the blood, poor oxygen intake and other factors, can cause the blood cells to clump together: a condition called Rouleau. This condition leads to impairing the transfer of energy within the body and reducing the flow and intake of nutrients.

From 70/90 millivolt potential, unhealthy, or aged cells can drop to 60/80, 50/70 and so on. When ill, electrical potential can drop to 35. In cancer patients, it can drop to 15 or lower. Losing our electrical potential is synonymous with dying.

When you use Biological Therapeutics Rejuvenate™ you increase zeta-potential and cellular electrical energy, aiding healing and slowing the aging process. In addition, it stimulates the hydration reflex re-establishing normal thirst and water drinking habits.



A force that maintains cell nourishment

Zeta-potential represents a basic law of nature, and it plays a vital role in all forms of plant and animal life. It is the force that maintains the discreteness of the billions of circulating cells, which nourish the organism.

Dark Field Microscopy (Live Blood Cell Analysis) represents the analytic tool which allows an expert to directly view red blood cell (RBC) activity and determine how zeta-potential and other factors are affecting these RBC's.

Live Blood Cell Analysis may end up solving some of society's greatest health problems simply, quickly and far less expensively than months of intense therapy, pharmaceuticals, herbs and other remedies.

Live blood cell analysis is used by both orthodox and alternative medical practitioners worldwide, and although it is not formally approved by the U.S. Food and Drug Administration (FDA) medical professionals are increasingly discovering that this innovative procedure provides a level of diagnostic information on cellular activity, dynamics and health far beyond standard or even expanded medical blood panels.

Live blood cell analysis is thus a tool to evaluate in near-real-time the cellular response of RBC to a wide various external stimuli (food, water, medication, etc.). The responsiveness to various stimuli can then be evaluated in minutes rather than in months and corrective measures quickly applied.

Nutritional absorption is key

55 out of 100 North Americans can expect to die from some type of cardiovascular problem or alternatively have to live with severe long-term physical and/or neurological damage.

On a lesser level, tens of millions of people worldwide are seeking ways to improve nutritional absorption, obtaining more effective cellular and bodily detoxification or elimination of environmental free radicals, achieving higher cellular and bodily energy levels and increasing cellular hydration for increased stamina, energy and overall physical well being. In short, such people are seeking healthy RBC.

A simple analogy of an unhealthy live blood cell would be an automobile engine without a carburetor to inject fuel and without an exhaust to dispose of toxic carbon monoxide. Who would want to own an automobile like that? As it turns out, the vast majority of people are walking around not knowing that their body's cells are not equipped with efficient carburetion and exhaust mechanisms.

Zeta-potential is a term commonly used in colloidal chemistry. When tiny mineral or organic particles are suspended in a fluid, zeta-potential maintains the dispersion or discreteness of the particles in suspension.

In science, we learn that like charges repel and opposite charges attract. In an ideal system like blood, we want all particulates to have a like electrical charge. If the particles have no electrical charge, the various particles will clump together and form sludge. Therefore, the higher the zeta-potential the better the dispersion of particles in suspension.

Thomas Riddick, a pioneer in colloidal chemistry, said that without zeta-potential, life could not exist. The high Zeta-potential or negative electrical charge on particles entering the bloodstream may help to increase the dispersion or discreteness of blood cells by helping to enhance the electrical charge on blood colloids which include blood cells.

When blood cells are free flowing, they expose maximum surface area to the blood and are therefore able to hold and transport more oxygen and other nutrients throughout the body.

Zeta-potential can be imparted to colloidal materials by a number of methods including vortexial fluid flow and the presence of certain types of ionic minerals that impart a negative surface charge to adjacent objects such as RBC. When the surfaces of adjacent RBC are similarly charged with a negative charge, the cells push away or repel each other, much like similar poles on two magnets would repel each other.

Conversely, the improper type of ionic minerals act as free radicals and neutralize the negative surface charges on RBC, making them collapse on top of each other

A lot of the processed foods with chemical preservatives, pesticide residue and additives are of a cationic nature—bad for humans. These foods have a natural Zeta-potential-lowering effect on the blood.

When we add negative health items to our diet that have a sludging effect on our blood, the situation for health begins to deteriorate.

Biological Therapeutics Rejuvenate™ with its high Zeta-Factor— thanks to its fulvic acid content—accomplishes these two important objectives: efficient cellular hydration and cellular dissociation. Dark field microscopy(live blood cell analysis) provides the visible proof of these important results.

Since the blood is nearly 90 percent water, the addition of the Rejuvenate™ to a regular diet may provide precisely the needed components for this de-coagulation of the RBC.

It would seem that a significant reduction in cardiovascular problems could be possible by the use of Rejuvenate to enable the zeta-potential effect to be present in the intravascular bloodstream.