

**\$4.50**

**ImmuzYme®**  
**&**  
**Auto-Immune Disorders**

*Another in the Life Sources' Client Education Series*

**This pamphlet is complementary to Life Sources' clients.**  
This pamphlet may be purchased by the general public from:

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# Why ImmuzYme® Was Developed

*The best doctor you will ever have is the one you walk with everyday...your own body.*

The rise in chronic disease (auto-immune disorders specifically) in the U.S. can be traced to several serious environmental problems not the least of which is human parasitic infestation, stealth pathogens in vaccinations and the increase in aluminum and heavy metal absorption in the body. While epidemiological studies linking auto-immune disorders, parasites, stealth pathogens and aluminum with such conditions as chronic fatigue syndrome and fibromyalgia are rare, if not non-existent, we have found that stress, trauma and the associated vitamin deficiencies caused by an increase in the aforementioned situations play a serious role in the onset of these diseases.

The inability of the body to absorb and process oxygen efficiently is partly due to a deficiency in malate and magnesium which appears to be directly linked to aluminum toxicity identified in the blood of patients with CFS/CFIDS, Alzheimer's, as well as other auto-immune conditions. We strongly suspect aluminum plays a more insidious role than previously believed as do such metals as lead, mercury and sodium fluoride.

Malic acid is a superior chelate and is an extraordinary detoxifier of aluminum which is effective because it significantly increases the fecal and urinary secretion of aluminum from the body and reduces the concentrations of aluminum from the internal organs.

The inhibition of the Krebs cycle (the *magnesium dependent* human energy cycle) is a major player in fibromyalgia and other chronic illnesses. Magnesium deficiency reduces the body's ability to block the toxic effects of aluminum which is increased by the ingestion of fluoride (in toothpaste, Teflon™ coated cookware and drinking water).

A manganese deficiency is also indicated in these conditions and manganese is important in neuroendocrine changes along the hypothalamic-pituitary-thyroid axis which regulates the metabolic rate by releasing thyroxin.

## ImmuzYme®

**ImmuzYme™** is an enzymatically driven formulation *developed by and exclusive to Life Sources, Inc.* to help alleviate the complications and symptoms of auto-immune disorders such as fibromyalgia, chronic fatigue syndrome, multiple sclerosis, rheumatoid arthritis and many other conditions involving immune dysfunction.

Some of the disorders in which **ImmuzYme®** has proven helpful are; angina artherosclerosis, bacterial infections, Bell's palsy, bladder infections, breast cancer support, bursitis, cancer, candidiasis, cardiovascular disease, carpal tunnel, chronic inflammation and pain, colorectal cancer, emboli, hepatitis, herniated disk, hematomas, hemorrhoids, hypertension, irritable bowel syndrome, stroke, fibromyalgia and chronic fatigue, cirrhosis, colorectal cancer, mononucleosis, muscle cramps, muscle tension headaches, multiple sclerosis, rheumatoid arthritis, restless leg syndrome, retinopathy, rheumatoid arthritis, thrombosis, varicose veins, soft tissue rheumatism, muscle spasm, poor healing, stressed adrenal glands from use of steroidal prescriptions, peripheral vascular disease, tissue oxygen deprivation, infertility and other gynecology conditions (e.g. endometriosis, uterine fibroids) varicose veins and venospasm.

The near epidemic rise in some of these disorders over the past few decades is, in our experience, more properly labeled lifestyle illnesses. In other words, it is our belief that one does not *catch* these diseases, but they are brought about by several environmental factors; diet, stress, trauma, chemicals, radiation, parasites and (highly probable) stealth pathogens in vaccinations.

### **MITOCHONDRIAL MYOPATHY: AN ENERGY CRISIS IN THE CELLS**

We all know what it's like to drive or ride in a car that isn't performing at its peak; we know from experience that trouble-shooting the problem can be a difficult, costly proposition.

In some ways, the cells in our bodies are like little mechanical devices that occasionally break down. They have a lot of parts, some moving and some not, each with a specific role to perform in the cell. An endless variety of things can go wrong in the cell, affecting the entire body's ability to perform.

We can compare a cell with muscular dystrophy to a car with cracks in the frame. The cracks become slightly wider whenever the car is driven. In the same vein, a cell with mitochondrial disease might be compared to a car that's only running on three cylinders. No matter how much gas you put into the car, without a fully operating engine, it's not going to go over 25 miles per hour.

In each of our cells, the mitochondria (singular: mitochondrion) make up the equivalent of a car's engine. These tiny biological machines combine the food we eat with oxygen to produce energy to keep our bodies going. The energy produced by the mitochondria is stored in the form of a chemical called adenosine triphosphate, or ATP.

In addition to making energy, mitochondria are also deeply involved in a variety of other activities, such as making steroid hormones and manufacturing the building blocks of DNA. Each cell in our body contains, on average, between 500 and 2,000 of these hard-working machines. When the mitochondria aren't functioning properly, an "energy crisis" can develop in tissues such as muscle, brain and heart, which normally are heavy energy consumers.

Just as engine problems can slow or stop a car, problems with mitochondria can bring the body to a halt.

It is imperative that you heed the “wake up” call your body is sending. It is time to learn to de-stress, get plenty of rest, change your diet and lifestyle and get a good amount of exercise.

**ImmuzYme®** is not intended to be a “magic bullet” and is only recommended in a *total protocol specifically designed for individual requirements.*

### **Mycoplasmas & Stealth Pathogens**

Over the past few decades, intermittent research has been ongoing regarding stealth pathogens in vaccinations. One of these is the highly pleomorphic micro organism, mycoplasmas. There are about 70 species of these dangerous organisms which exist somewhere between virus and bacteria making “western” treatments ineffective and somewhat suspect. “Standard” treatments which include antibiotics are questionable given the fact that mycoplasmas may be a result of medical “treatments” to begin with and is a bit like returning to the mechanic who originally caused the damage to your car. Mycoplasmas can cause GI tract infections, upper respiratory problems, nerve damage and a host of other problems not normally considered by established practitioners.

According to University of Texas researchers *Joel B. Baseman and Joseph G. Tully* “Recently, mycoplasmas have been linked as a cofactor to AIDS pathogenesis and to malignant transformation, chromosomal aberrations, the Gulf War Syndrome, and other unexplained and complex illnesses, including chronic fatigue syndrome, Crohn’s disease, and various arthritides. Even with mounting evidence of their pervasive and pathogenic potential, mycoplasmas still evoke the image of a group of obscure or impotent microorganisms. Yet they are evolutionarily advanced prokaryotes, and their elite status as “next generation” bacterial pathogens necessitates new paradigms in fully understanding their disease potential.”

We consistently observe mycoplasma damaged red blood cells in the blood in a consistently growing percentage of patients. Our process is simple and direct; eliminate the mycoplasma and reverse the damage done. While this may seem simplistic keep this caveat in mind; we generally assume that reversal of disease requires one month for every year of suffering.

Ridding the body of mycoplasmas requires a **total commitment** on the part of the patient since they are highly defiant “critters.”

### **Assume You Have Them...**

...parasites that is. The U.S. leads many “undeveloped” nations (such as Mexico and India) in human infestation of several parasites (especially Giardia Lamblia).

Many of our clients ask “Doesn’t everyone have parasites?” which may unfortunately be true, but it is indicative of our current thinking regarding health in this country...we often accept chronic conditions as “normal” when, in fact, normalcy is far from an indicator of ideal. If everyone had AIDS it might be normal, but far from ideal.

A parasite detoxification program is essential. Whether you have been tested for parasites or not, we suggest you begin a parasite program. There are many parasite programs on the market, but they must all contain *at least* green walnut hull tincture, cloves and wormwood, among other important co-factors.

### **Can Fibromyalgia, Arthritis, CFS And Other Auto-Immune Disorders Be Cured?**

It is our experience and conclusion that current thought regarding “incurable auto-immune disorders” is erroneous. We are told they are incurable by the medical establishment simply because they insist upon a pharmacological view of cure rather than a more causal approach of dietary change and vitamin and mineral supplementation.

The fact is modern bacteriology and pharmacology are based upon selective data and less than faulty science. Modern medicine is grounded in Pasteur’s bacterial morphology which even Pasteur denied prior to his death.

In our years of observing the blood of our hundreds of clients, we are constantly amazed at the recuperative abilities of the human body. We have had many individuals with severe disorders (who strictly follow the recommendations) see their conditions reversed and their lives changed.

### **The Formulation**

The ingredients are nothing new, but have been uniquely combined to take advantage of their individual and synergistic effect and each ingredient has been used independently by **Life Sources, Inc.** and other researchers and European clinics (notably, Germany) to reduce and repair pain, fatigue and the damage done by the stress of these lifestyle diseases.

If one were to purchase these ingredients individually, the cost would be exorbitant to say the least. **ImmuzYme®** is packaged in 300 capsule bottles with the “average” dosage being 5 capsules 3 times a day. The purpose of this packaging is to allow an individual to adjust dosages depending upon severity of symptoms. Additionally, **ImmuzYme®** should be considered as *part of a complete program* and should be individualized according to condition and necessity. We often recommend the **Life Sources’ Alpha Factor, OPC-165™** and **Daily Health™ Formula** as a good basic starting point. More on dosage later.

**Calcium/magnesium/boron** are necessary for proper muscle function and many immune disorders (e.g. CFS/CFIDS) exhibit symptoms of muscle pain, spasms, fatigue, etc. Calcium will not absorb properly without magnesium and is essential for the activity of certain enzymes, such as glycogen phosphorylase kinase which is involved in energy production. It plays an important role in muscle and nerve cell regeneration. For calcium to be properly assimilated, the body must have sufficient enzymes, magnesium and boron. So one may be taking large amounts of calcium supplements (to “prevent” osteoporosis) but without enzyme activity, absorption is incomplete at best. Additionally, the body will not absorb calcium within two hours of ingesting animal protein. We highly advocate that individuals limit their animal protein intake (especially red meats) to 45 grams per day.

**Manganese** appears to be a serious deficiency in auto immune disorders and in particular, MS. Manganese is also a part and activator of several enzymes including arginase, ribonucleotide reductase pyruvate carboxylase, superoxide dismutase, and enolase. It is absolutely vital for normal neural function, protein and carbohydrate breakdown and is especially necessary for fatty acid, cholesterol and hemoglobin synthesis. It assists in urea synthesis, prevents lipid peroxidation and activates enzymes necessary for vitamin C, biotin, thiamin and choline use.

**Lecithin** is required by the body to properly process fats and 15 capsules of **ImmuzYme®** contain 3600 mgs. of lecithin. This is of particular value given the propensity of Western civilization to ingest huge amounts of saturated fats. We strongly urge that you immediately reduce your intake of saturated fats and begin supplementing your diet with Essential Fatty Acids, fish oils and extra virgin olive oil.

**Malic acid** is essential in energy production and is especially helpful with the fatigue associated with the stress induced by chronic pain and fatigue. Perhaps more important, as explained earlier, malic acid is a superior supplement that enhances detoxification of aluminum from the body.

**Pancreatin** is an enzyme to help support the pancreas as it works to detoxify the body during the initial phases of nutritional intervention. Pancreatin breaks down proteins and is useful as a digestive aid, pancreatic insufficiency, increases absorption of fats and is helpful in the treatment of cystic fibrosis.

**Dimethylglycine** (DMG) (also known as calcium pangamate/B<sub>15</sub>) is a little known immune booster that has been extensively researched by the Russians as a supplement to combat autism and seizures and enhances the immune system. In the October 1982 issue of the *New England Journal of Medicine*, seizures were substantially reduced 85% using DMG. Synergistically, DMG lies at the heart of **ImmuzYme®**.

**Bromelain** is another important enzyme effective in breaking down proteins, aids absorption of nutrients, fights inflammation, inhibits fibrin synthesis, and is helpful with such conditions as cellulitis, diabetic ulcers and numerous inflammatory conditions.

**Papain** is a supplementary enzyme used by the body to break down proteins and is useful in the treatment of diarrhea and celiac disease. It is extremely helpful for intestinal discomfort due to parasites such as nematodes. It is especially helpful in fighting allergies, infections and inflammation.

**Trypsin** is an important enzyme that helps the body reduce inflammation, reduces circulation problems such as thromboembolic diseases, peripheral vascular disease, peripheral arteriosclerosis and ischemia. It speeds healing and reduces post operative swelling.

**Chymotrypsin** is another enzyme that helps reduce inflammation and is especially important in relieving arthritis, soft tissue injuries, contusions, edema and is helpful in treating enterozoic worms. It is often used as a cancer treatment.

**CoEnzyme Q10** (CoQ10) is a precursor to help circulation and is considered by many to be the greatest medicinal discovery of the 20<sup>th</sup> century. As a potent antioxidant, it plays an important role in immune system function (and may be effective in AIDS treatment), improves physical performance in patients suffering from muscular dystrophies, can decrease blood pressure and serum cholesterol. It is an anti-aging supplement that is critical for the entire body.

This formulation is specifically designed to alleviate symptoms and help the body repair itself and **Life Sources** is the exclusive formula for **Immuzyme®**.

**Nattokinase** Nattokinase is a potent fibrinolytic enzyme extracted and highly purified from a traditional Japanese food called Natto. Natto is a fermented cheese-like food that has been used in Japan for over 1000 years for its popular taste and as a folk remedy for heart and vascular diseases. Natto is produced by a fermentation process by adding *Bacillus natto*, a beneficial bacteria, to boiled soybeans. The resulting nattokinase enzyme, is produced when *Bacillus natto* acts on the soybeans. While other soy foods contain enzymes, it is only the natto preparation that contains the specific nattokinase enzyme.

### **The Discovery of Nattokinase**

Doctor Hiroyuki Sumi had long researched thrombolytic enzymes searching for a natural agent that could successfully dissolve thrombus associated with cardiac and cerebral infarction (blood clots associated with heart attacks and stroke). Sumi discovered nattokinase in 1980 while working as a researcher and majoring

in physiological chemistry at Chicago University Medical School. After testing over 173 natural foods as potential thrombolytic agents, Sumi found what he was looking for when Natto was dropped onto artificial thrombus (fibrin) in a Petri dish and allowed it to stand at 37 C (approximately body temperature). The thrombus around the natto dissolved gradually and had completely dissolved within 18 hours. Sumi named the newly discovered enzyme "nattokinase", which means "enzyme in natto". Sumi commented that nattokinase showed "**a potency matched by no other enzyme.**"

### **Potent Thrombolytic Activity**

The human body produces several types of enzymes for making thrombus, but only one main enzyme for breaking it down and dissolving it - plasmin. The properties of nattokinase closely resemble plasmin. According to Dr. Martin Milner, from the Center for Natural Medicine in Portland, Oregon, what makes nattokinase a particularly potent treatment, is that it enhances the body's natural ability to fight blood clots in several different ways; Because it so closely resembles plasmin, it dissolves fibrin directly. In addition, it also enhances the body's production of both plasmin and other clot-dissolving agents, including urokinase (endogenous). "***In some ways, Milner says, nattokinase is actually superior to conventional clot-dissolving drugs. T-PAs (tissue plasminogen activators) like urokinase (the drug), are only effective when taken intravenously and often fail simply because a stroke or heart attack victim's arteries have hardened beyond the point where they can be treated by any other clot-dissolving agent. Nattokinase, however, can help prevent that hardening with an oral dose of as little as 100 mg a day.***"

### **The Prolonged Action of Nattokinase**

Nattokinase produces a prolonged action (unlike antithrombin drugs that wear off shortly after IV treatment is discontinued) in two ways: it prevents coagulation of blood and it dissolves existing thrombus. Both the efficacy and the prolonged action of NK can be determined by measuring levels of EFA (euglobulin fibrinolytic activity) and FDP (fibrin degradation products), which both become elevated as fibrin is being dissolved. By measuring EFA & FDP levels, activity of NK has been determined to last from 8 to 12 hours. An additional parameter for confirming the action of NK following oral administration is a rise in blood levels of TPA antigen (tissue plasminogen activator), which indicates a release of TPA from the endothelial cells and/or the liver.

### **What are Amino Acid Chelates?**

As you become more familiar with Life Sources' proprietary blends of our enzyme formulations, specifically, "**Daily Health™ Formula**" and "**Immuzyme®**" you will note that all of our minerals are "amino acid chelates". The following information is written for better understanding as to why these formulas work better, are

better assimilated, more bio-available and cannot be found in any health food store for the price.

Minerals (solid, crystalline substances) are also found in the food we eat, the water we drink, and are important in protecting us from, and even treating, such conditions as arthritis or iron deficiency anemia. Essential to our body, they must be taken from outside sources, since the body cannot manufacture them. From infant formulas to geriatric elixirs, minerals cover the spectrum of life.

Americans are in a deplorable health status. We are deficient in the very minerals critical for body function. For instance, although over 80 enzymes require zinc (as a co-enzyme) for optimal function, studies show that 68 percent of the U.S. population consume less than the RDA, while 74 percent take in too little magnesium. Two out of three Americans consume less than the RDA of calcium, 81 percent less copper, 58 percent less iron, and 50 percent less manganese than the RDA. These statistics are staggering. Mineral malnutrition is rampant in the world's most affluent country.

America has become a processed, fast food, junk food society. We eat dead foods combined with additives and preservatives. The environment in which we live, and the geographic area in which our foods were grown have a definite effect on the amount of minerals in these foods. External and internal body pollutants increasingly sap us of our strength and break down our bodies' functions. Therefore, mineral supplementation is critical.

In order for a mineral supplement to be useful, it must be available to the cell in the amount and at the time it is needed. This is called "Bioavailability" . Bioavailability is a measure of how well the body utilizes a nutrient.

In choosing a mineral supplement, the form (such as sulfate, carbonate, oxide, picolinate, as well as amino acid chelate) is the key factor that determines how well the body absorbs, utilizes, and retains the mineral. Some forms are more readily absorbed by the body than others.

**In nature, most minerals found in our foods are transported into the bloodstream, and made bioavailable, by a method known as chelation. When minerals become surrounded by and bonded to amino acids, in a stable form, this is referred to as chelation. Chelation is a natural means for the body to transport minerals across the intestinal wall into the bloodstream, thus improving absorption.**

Research shows that amino acid chelates are the most highly bioavailable form of minerals. This means that a greater amount of mineral is available to the body's cells when needed.

In order for the body to assimilate some mineral supplements, however (such as carbonates, sulfates, oxides), they first must undergo complex digestive and transport processes which decrease the rate of absorption and resulting bioavailability of the mineral. In contrast, amino acid chelates help sidestep part

of the digestive process as the body is very efficient at absorbing amino acids. Approximately 95 percent of all amino acids broken down in the process of digestion are absorbed. Chelating minerals to these allows them to be "smuggled" in the transport process across the intestinal wall.

Insufficient supply of minerals to the body can result in very serious and long-term deficiencies and disorders.

The following are some "examples" of what can go wrong. These people are not clients of Life Sources, Inc, but, merely used as examples for health depleted individuals whose symptoms and conditions are never diagnosed via "standard blood tests".

- Jed had atherosclerosis and found by taking LSI's **Immuzyme®** containing the above mentioned ingredients especially the calcium/magnesium with boron, (amino acid chelated minerals within **Immuzyme®** plus cobalt, the severity of his condition decreased. Cobalt is the central portion of vitamin B12, though no RDA has been established for this mineral. Since animal products are the major food source for cobalt, vegetarians are more susceptible to a cobalt deficiency.
- Edgar has graying hair, which is often a tip that copper is a little low and that iron and copper are not in proper balance. Some say the presence of sore feet is a clue to the copper/sulfur/molybdenum relationship. Josh lived in an area where the soil was depleted of copper and the incidence of cancer was high. Copper works to absorb and carry oxygen as a component of hemoglobin and also facilitates the absorption of iron into the bloodstream. It is an element essential to increasing resistance to stress and disease.

Numerous studies have shown that in regions where magnesium content was higher in the water and food supplies, people had fewer bone fractures, less osteoporosis, and far less tooth decay. Magnesium supplements, however, are notorious for two reasons: they tend to cause stomach cramps and diarrhea, and are generally very poorly absorbed. Chelated magnesium reduces this problem.

Selenium helps prevent degenerative pancreatic changes, retards cancer, and serves as an antioxidant.

- Karen is deficient in chromium and her reduced glucose tolerance indicates an increased risk of diabetes or hypoglycemia. Chromium stimulates enzymes involved in glucose metabolism for energy and increases the effectiveness of insulin.

Without sufficient zinc supplementation, it is possible that Matthew's I.Q. will decrease, since zinc deficiencies have been observed in individuals with lower intelligence. In addition, zinc deficiencies in pregnant women can result in malformed babies and/or behavioral disturbances in children. Zinc is a key

component in reproduction, prostatic and insulin function, wound healing and immunity.

- As Sam became older, he learned that an increased accumulation of aluminum in his body caused calcium to be taken out of the blood and deposited on the arterial walls. When this happens, calcium and zinc are thrown out of balance and may result in susceptibility to senility.
- Louis had poor bone and teeth formation, leg cramps, slow blood clotting, and was nervous and irritable. He has a calcium deficiency. Calcium is necessary for growth, and is also an important component of the blood, aiding in several steps of the clotting process. Nerve and muscle response, mental alertness, pH regulation, and proper heart actions are also affected to one degree or another by the amount of calcium in the body.

When there is a manganese deficiency, a viral infection can result, and frequently does as evidenced by higher frequency of flu, colds, cancer and possibly HIV. Among manganese's numerous metabolic functions are the formation of bone and connective tissue, carbohydrate metabolism and ammonia metabolism. High levels of manganese are found in the pancreas and the pituitary.

Iron is essential in the formation of hemoglobin and red blood cells. Growing children, premenopausal women, and athletes of both sexes have a high need for iron. Coffee, tea, and wine inhibit iron absorption. Many drugs (such as aspirin and other over-the-counter pain killers) also create problems with iron utilization.

- Martha has a phosphorous deficiency with poor bone and tooth structure, arthritis, pyorrhea, mental and physical fatigue. She's lost her appetite with resulting weight loss. Phosphorus compounds play a central role in energy transformations, whether that energy is derived from fats, carbohydrates or proteins.
- In order to control her weight, Cynthia takes diuretics, which deplete her body of potassium. Potassium plays a major role in maintaining the osmotic pressure of the cell. It is also a factor in the transmission of nerve impulses and in the release of insulin from the pancreas.

Since we all need minerals to live and function, and since we do not get sufficient minerals through our food supplies, mineral supplements are essential. If we are going to take supplements, it seems logical to get the best supplements from an approved FDA certified laboratory than to take a chance on choosing 'certain supplements' without any research behind the product. Volumes of research show mineral amino acid chelates are absorbed better, are more bioavailable, and are retained longer in the body to do their job. In order to reduce the potential for conditions, such as anemia, hypertension, inflammatory bowel disease and diabetes, mineral amino acid chelates seem the answer.

## Protocols and Recommendations

First, since mycoplasmas “feed” on the amino acid L-arginine, we recommend that clients avoid *all* foods containing arginine which includes chocolates and sugars. Avoid *any* supplements containing L-arginine.

Second, take 1 teaspoon of colloidal silver (Sovereign Silver) on an empty stomach 3X daily. 30 minutes later take 1-2 capsules of probiotics to replace the friendly flora killed by the silver. Do this for 10 days, rest for one week and repeat at least 3 times if symptoms become too uncomfortable. Continue on probiotics for at least 30 days following silver. Colloidal silver (we highly recommend Sovereign Silver), in our experience, ***is the only effective way to kill mycoplasmas. This amount may vary according to the individual's particular needs at time of blood evaluation.***

During the administration of colloidal silver, we also recommend ¼ cup of aloe vera juice in the morning and evening to help seal the colon. This is necessary since most auto immune disorder patients are highly likely to have leaky gut syndrome, as well. The aloe functionally “band aids” the porous colon and allows the colon time to heal.

For severe pain, we recommend 10 capsules of **ImmuzYme®** be taken immediately followed by 2 capsules every hour until the symptoms are alleviated. Then, take 5 capsules 3X a day. Once symptoms appear to be lessening, the individual may begin tapering the dosages to 2-3 capsules 3X a day. Additionally, one should consider the **Daily Health™ Formula** to help replace needed enzymes, vitamins, minerals and trace metals. Depending upon body weight, fat/muscle percentage, etc., usually 1-2 capsules 3X a day with meals is sufficient. In cases where an individual is severely overweight or for larger men, or questionable diets, dosages of 2 capsules 3X a day may be recommended.

**OPC-165™** is recommended for their ability to scavenge free radicals, reduce inflammation, strengthen red blood cells, restore collagen and detoxify the body. Usual dosages are 1 mg per pound of body weight, but we recommend at least 3 165 mg capsules per day as an initial starting point for 2 weeks. Should symptoms remain, individuals should increase the dosage until they feel better. Then they may reduce to a maintenance dosage.

**Alpha Factor** should be included in the total protocol for its ability to repair damaged tissue and nerves while helping repair such concomitant conditions as leaky gut syndrome and damaged myelin sheaths. Dosages for severe symptoms should be at least 2 capsules 2X a day for 30 days and reduced to 1 capsule 2X a day from then on.

For the majority of immune diseases, we recommend 5 capsules of **ImmuzYme®** 3X a day until symptoms and severity is reduced. The total program would also include the above mentioned **Life Sources'** formulas.

<p><b>Recommendations for the use of Immuzyme®.</b>  <b>These recommendations should be supplemented with additional protocols from your practitioner and are not to be considered Medical Advice.</b>  <b>These protocols consider Life Sources' Supplements only and should be adjusted according to the weight of the individual &amp; severity of symptoms and additional symptomatic considerations.</b></p>	
<b>Abscess</b>	<p><b>5 Immuzyme 3x daily</b>  <b>1 OPC-165 3x daily</b>  <b>Sovereign Silver (see your nutritionist for recommendations)</b></p>
<b>Acne</b>	<p><b>3 Immuzyme 3x daily</b>  <b>1 OPC-165 3x daily</b>  <b>2 – 6 thousand mg B-5 supplements (pantothenic acid) daily – (better than accutane!)</b>  <b>1 Probiotic with each meal</b></p>
<b>Adenoiditis</b>	<p><b>3 Immuzyme 3x daily</b>  <b>1 OPC-165 3x daily</b></p>
<b>Adnexitis</b>	<p><b>5 Immuzyme 3x daily</b>  <b>1 OPC-165 3x daily</b>  <b>1 Squalamine</b></p>
<b>AIDS</b>	<p><b>5 Immuzyme 3x daily</b>  <b>1 Olive Leaf Extract by Ameriden</b></p>

	every (waking) 2 hours Sovereign Silver (for mycoplasmas)
<b>Angina Pectoris</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>2 Daily Health (formula) w/ea meal</b> <b>1 Squalamine 2x daily</b>
<b>Ankylosing Spondylitis</b>	<b>5 Immuzyme 3x daily</b> <b>1-2 OPC-165's 3x daily</b> <b>1 Olive Leaf Extract by Ameriden every 2 hours</b> <b>1 Squalamine</b>
<b>Arteriosclerosis</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>2 Daily Health Formula</b> <b>Nutritional Detox for colon/liver (see LSI for this information)</b>
<b>Backaches</b>	<b>5 Immuzyme 3x Daily</b> <b>1-2 OPC-165's 3x Daily</b>
<b>Bacterial Infections</b>	<b>1 tsp Sovereign Silver every hour followed by 1 probiotic 30 minutes later..</b> <b>3-5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 probiotic 3x daily</b>
<b>Bell's Palsy</b>	<b>5 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b>
<b>Bladder Infections</b>	<b>5 Immuzyme 3x daily</b> <b>2 Olive Leaf Extract by Ameriden 3x daily</b> <b>1 OPC-165 3x daily</b> <b>Plenty of magnetized sugarless cranberry juice AND water</b>
<b>Brain Tumors</b>	<b>5 Immuzyme 3x daily</b> <b>5 OPC-165's 3x daily</b> <b>1 Squalamine<sup>1</sup> 2x daily</b>
<b>Breast Cancer</b>	<b>5 Immuzyme 3x daily</b>

<sup>1</sup> Squalamine should be based upon 15 mg per pound of body weight not to exceed 5,000 mgs per day.

	<b>5 OPC-165's 3x daily</b> <b>2 Squalamine- 2x daily</b> <b>1-2 Daily Health Formula w/ea meal.</b>
<b>Bruises</b> <b>Hematomas</b>	<b>5 Immuzyme 3x daily</b> <b>1-2 OPC-165's 3x daily</b>
<b>Bursitis</b>	<b>5 Immuzyme 3x daily</b> <b>1-2 OPC-165's 3x daily</b>
<b>Cancer</b>	<b>5 Immuzyme 3x daily</b> <b>5 OPC-165 3x daily</b> <b>1-2 Squalamine</b>
<b>Cardiovascular Disorders</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b>
<b>Carpal Tunnel Syndrome</b>	<b>5 Immuzyme 3x daily</b> <b>1-2 OPC-165 3x daily</b> <b>2 Olive Leaf Extract by Ameriden 3x daily</b>
<b>Cataracts</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 Squalamine – 2x daily</b>
<b>Chicken Pox</b>	<b>3 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 Squalamine</b> <b>1 Olive Leaf Extract by Ameriden every hour</b>
<b>Cholesterol</b>	<b>1 Daily Health Formula 3x daily<sup>2</sup></b> <b>3 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b>
<b>CFS/CFIDS</b>	<b>5 Immuzyme 3x daily</b> <b>3 probiotics 3x daily</b> <b>2 OPC-165's 3x daily</b> <b>2 Olive Leaf Extract by Ameriden 3x daily</b>
<b>Cirrhosis</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165- 3x daily</b> <b>2 Olive Leaf Extract by Ameriden 3x daily</b> <b>Juicing – Nutritional detoxification</b>

<sup>2</sup> Daily Health™ Formula should be adjusted for body weight. Individuals over 200 pounds should take 2 capsules 3x daily. For those whose goal is to lose weight, taking 2 with each meal is recommended.

	of colon & liver (call LSI for more info)
<b>Colds</b>	<b>5 Immuzyme 3x daily 3 Olive Leaf Extract by Ameriden 3x daily 1 OPC-165 3x daily</b>
<b>Colorectal Cancer</b>	<b>5 Immuzyme 3x daily 3 OPC-165's 3x daily 2 Probiotics 3x daily 1 Squalamine</b>
<b>Conjunctivitis</b>	<b>5 Immuzyme 3x daily 1 OPC-165 3x daily Several drops of Sovereign silver in the affected eyes several times throughout the day</b>
<b>Constipation</b>	<b>2-3 Immuzyme 3x daily 1 Daily Health Formula 3x daily 2 Probiotics 3x daily LOTS of magnetized water Metamucil Parasite tincture</b>
<b>Cystic Fibrosis</b>	<b>5 Immuzyme 3x daily 1 Squalamine – 4x daily 2 OPC-165 3x daily</b>
<b>Dermatitis</b>	<b>3 Immuzyme 3x daily 1 OPC-165 3x daily 1 Olive Leaf extract 4x daily 1 Probiotic with ea/meal</b>
<b>Dermatomyositis</b>	<b>3 Immuzyme 3x daily 1 OPC-165 3x daily 1 Probiotic 3x daily</b>
<b>Diabetes</b>	<b>5 Immuzyme 3x daily</b>
<b>Diarrhea</b>	<b>5 Immuzyme 3x daily 2 Probiotics 3x daily</b>
<b>Diverticulitis</b>	<b>5 Immuzyme 3x daily 1 OPC-165 3x daily 2 Probiotics 3x daily</b>
<b>Embolisms</b>	<b>5 Immuzyme 3x daily</b>

	<b>2 OPC-165's 3x daily</b> <b>1 Squalamine – 2x daily</b>
<b>Empyema</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 Probiotic 3x daily</b>
<b>Epididymitis</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 Probiotic 3x daily</b>
<b>Fibrocystic Breast Disease</b>	<b>5 Immuzyme 3x daily</b> <b>3 OPC-165's 3x daily</b> <b>1 Probiotic 3x daily</b>
<b>Fibroids</b>	<b>1 Squalamine – 3x daily</b> <b>5 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b>
<b>Fungal infections</b>	<b>5 Immuzyme 3x daily</b> <b>2 Probiotic 3x daily</b> <b>1 Olive Leaf Extract by Ameriden every 2 hours</b> <b>2 Daily Heath (enzyme) Formula with each meal</b>
<b>Glaucoma</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 -3x daily</b> <b>1 Squalamine – 2x daily</b>
<b>Gout</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 Daily Health Formula 3x daily</b> <b>1 – Squalamine 3x daily</b>
<b>Guillain-Barre Syndrome</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b>
<b>Hay Fever</b>	<b>5 Immuzyme 3x daily</b> <b>1 Squalamine</b>
<b>Herpes Simplex</b>	<b>5 Immuzyme 3x daily</b> <b>1 Olive Leaf Extract by Ameriden every 2 hours</b> <b>Sovereign Silver – 3 teas on empty stomach follwed with LSI's probiotic with each meal</b> <b>1 OPC-165 3x daily</b> <b>1 Squalamine</b>

<b>High Blood Pressure</b>	<b>5 Immuzyme 3x daily 1-2 OPC-165's 3x daily</b>
<b>Hypoglycemia</b>	<b>5 Immuzyme 3x daily</b>
<b>Irritable Bowel Syndrome</b>	<b>5 Immuzyme 3x daily 2 probiotics 3x daily 2 Alpha Factor 3x daily</b>
<b>Insect bites</b>	<b>5 Immuzyme 3x daily 1 OPC-165 3x daily</b>
<b>Intermittent Claudication</b>	<b>5 Immuzyme 3x daily 1 OPC-165 3x daily 1 Squalamine</b>
<b>Leaky Gut Syndrome</b>	<b>5 Immuzyme 3x daily 2 Probiotics 3x daily 2 Alpha Factor 3x daily</b>
<b>Lymphodema</b>	<b>5 Immuzyme 3x daily 1 OPC-165 3x daily 2 Probiotics 3x daily</b>
<b>Macular Degeneration</b>	<b>5 Immuzyme 3x daily 2 OPC-165's 3x daily 1 Squalamine</b>
<b>Mononucleosis Epstein Barr Virus</b>	<b>5 Immuzyme 3x daily 1 Olive Leaf Extract by Ameriden every 2 hours</b>
<b>Multiple Sclerosis</b>	<b>5 Immuzyme 3x daily 1 Squalamine 1 Olive Leaf Extract by Ameriden every 2 hours 1 OPC-165 3x daily 2 Alpha Factor 3x daily</b>
<b>Muscle Cramps</b>	<b>5 Immuzyme 3x daily 1 OPC-165</b>
<b>Myofascial Pain</b>	<b>10 Immuzyme followed by 2 every hour until symptoms reduce. 1 OPC-165 3x daily</b>
<b>Neuritis</b>	<b>3 Immuzyme 3x daily 1 OPC-165 3x daily</b>
<b>Osteoarthritis</b>	<b>5 Immuzyme 3x daily 2 Olive Leaf Extract by Ameriden 3x daily</b>

	<b>1 OPC-165 3x daily</b> <b>2 Forever Young 3x daily</b>
<b>Pancreatic Cancer</b>	<b>8 Immuzyme 3x daily</b> <b>5 OPC-165's 3x daily</b> <b>1 Olive Leaf Extract by Ameriden every 2 hours</b> <b>1 Squalamine</b>
<b>Pancreatitis</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>2 Forever Young 3x daily</b>
<b>Pleurisy</b>	<b>5 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b> <b>2 Olive Leaf Extract by Ameriden 3x daily</b>
<b>Parkinson's Disease</b>	<b>10 Immuzyme 3x daily</b> <b>1-2 OPC-165's 3x daily</b>
<b>Pneumonia</b>	<b>5 Immuzyme 3x daily</b> <b>2 Olive Leaf Extract by Ameriden every 2 hours</b> <b>1 teas. Sovereign Silver 3 – 5x daily</b> <b>2 OPC-165's 3x daily</b>
<b>Polymyosistitis</b>	<b>5 Immuzyme 3x daily</b> <b>1 OPC-165 3x daily</b> <b>1 Squalamine</b>
<b>PMS</b>	<b>5 Immuzyme 3x daily</b> <b>1 Squalamine</b> <b>Nature's Balance as directed</b>
<b>Prostate Cancer</b>	<b>5 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b> <b>1 Squalamine</b>
<b>Raynaud's Disease</b>	<b>8 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b>
<b>Reiter's Syndrome</b>	<b>8 Immuzyme 3x daily</b> <b>2 OPC-165's 3x daily</b>
<b>Rheumatoid Arthritis</b>	<b>5 Immuzyme 3x daily</b> <b>1 Olive Leaf Extract by Ameriden every 2 hours</b> <b>1 OPC-165 3x daily</b> <b>1 Squalamine – 2x daily</b>

<b>Rosacea</b>	<b>5 Immuzyme 3x daily 1 OPC-165 3x daily 2 Probiotics 3x daily 1 Probiotic with each meal LOTS OF WATER</b>
<b>Sciatica</b>	<b>8 Immuzyme 3x daily 2 OPC-165's 3x daily</b>
<b>Scoliosis</b>	<b>10 Immuzyme 3x daily 1 Daily Health Formula 3x daily 2 OPC-165's 3x daily</b>
<b>Sjogren's Syndrome</b>	<b>8-10 Immuzyme 3x daily 2 Probiotics 3x daily 1 Squalamine</b>
<b>Skin Cancer</b>	<b>5 Immuzyme 3x daily 2 OPC-165's 3x daily 1 Olive Leaf Extract by Ameriden every 2 hours 1 Probiotic w/each meal</b>
<b>Sports Injuries</b>	<b>5 Immuzyme 3x daily 2 OPC-165's 3x daily</b>
<b>Stroke</b>	<b>8 Immuzyme 3x daily 2 OPC-165's 3x daily</b>
<b>Subluxation</b>	<b>10 Immuzyme followed by 2 every hour 1-2 OPC-165's 3x daily</b>
<b>Systemic Lupus</b>	<b>10 Immuzyme 3x daily 1 Olive Leaf Extract by Ameriden every 2 hours 1 OPC-165 3x daily</b>
<b>Tendonitis</b>	<b>10 Immuzyme followed by 2 every hour until pain subsides 1 OPC-165 3x daily</b>
<b>Thrombosis</b>	<b>10 Immuzyme 3x daily 1 OPC-165 3x daily</b>
<b>Varicose Veins</b>	<b>10 Immuzyme 3x daily 2 OPC-165's 3 times daily</b>

These statements have not been evaluated by the Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

## Company Profile

Life Sources, Inc. is a Nevada Corporation with order fulfillment and clinic located in Fair Oaks, California and is a member of the NNFA, The Health Federation, and the Citrus Heights, California Chamber of Commerce.

The President and Founder is Andrea McCreery, Ph.D. Dr. McCreery is currently developing several new proprietary products to add to the Life Sources anti-aging and chronic illness system.

Her talents represent 10 years of research in nutrition, bio-energetics and Targeted Nutritional Intervention-TNI.

Based upon clinical observations, Dr. McCreery has developed several innovative products designed to slow the aging process and naturally combat chronic illnesses. Nutritional counseling is effective with ADD/ADHD, fibromyalgia, chronic fatigue syndrome, irritable bowel syndrome, weight loss, arthritis, candidiasis and more.

Life Sources specializes in Vital Hematology as a means of observing cell wall deficient forms in the living blood of clients to recommend nutritional interventions to reverse risk factors for chronic disease and nutritional deficiencies. (If an individual is interested in scheduling a consultation, please e-mail for details and fee schedules to [clinic@life-sources.com](mailto:clinic@life-sources.com) or call the clinic at 916-536-9930.

The Life Sources clinic is located at 5006 Sunrise Blvd., Suite 101, Fair Oaks, California 95628. Initial client visit includes the observation of living blood (with a video tape of the observation included), blood typing and nutritional counseling for chronic illness and potential risk factors.

Individuals interested in scheduling a seminar or group demonstration of Vital Hematology should address e-mail to [info@life-sources.com](mailto:info@life-sources.com).

Dr. McCreery is available for demonstrations to groups, health food stores and/or practices wishing to offer nutritional interventions to their clients and practice.

Life Sources is dedicated to quality and quantity of life and the eventual reduction of health care costs in the U.S. Client support is appreciated.