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100% Effective Natural Hormone Treatment
Menopause, Andropause And Other Hormone Imbalances
Impair Healthy Healing In People Over The Age Of 30!

Discussion of the Human Body Defense System

By Roland M. Moritz

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The human body is constantly challenged by bacteria, viruses, parasites, solar radiation, and pollution. Stress from emotional or physiological occurrences is other challenges to maintain a healthy body. Normally we are protected by the body defense system, the immune system, primarily the macrophage, and sufficiently comprehensive nutritional requirements to maintain health. An excess of negative challenges, however, can depress the body defense system, the immune system, and result in various illnesses from moderate to fatal.

Current medical practice is to treat the disease only. Bacterial infections are combated with antibiotics, viral infections with antiviral and parasitic infections with the limited antiparasitic pharmaceuticals available. Body defense system, immune system, depression caused by emotional stress is treated with antidepressants or tranquilizers. Immune depression caused by nutritional deficiency is seldom treated at all, even if recognized, and then by suggestion to consume a more healthy diet.

Medical training is so strongly emphasized toward 'treating the disease' that 'treating the patient' is generally overlooked. For example, all physicians know that oral antibiotics kill not only the pathogens, but also the resident bacteria in the gut that are required for digestion. They know that antibiotics cause gut irritation and deplete the nutritional content, especially the B-complex vitamins. It is exceedingly rare however, for a physician to prescribe consuming yogurt to reestablish the depleted flora of the gut or to prescribe a B-complex vitamin supplement to help overcome the nutritional deficit caused by the antibiotic. The disease is treated, not the patient.

Current medical training includes knowledge of the immune system and the macrophage is generally recognized as the most important component of the body defense system. It is recognized that an activated macrophage is absolutely essential to finally "cure" any disease. Consideration of the immune system is generally concentrated on the acquired immune response, primarily the development of vaccines or investigating methods of depressing the immune response in order to enhance the success of organ transplants. The innate immune system, truly the initiator and director of

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body defense response, which maintains the health of the body on an ever alert and constant basis is ignored.

Since disease only occurs when the immune system, body defense system is overwhelmed, it would appear obvious that it would be desirable to stimulate and activate and increase the activity of that natural defense system. Through either lack of knowledge of the "cellular intelligence" of the macrophage or the lack of awareness of methods of stimulating and activating the macrophage, treating the body defense system is not generally considered. Only the disease is treated, enhancing the natural defense mechanism is simply not practiced.

The activated macrophage releases a cascade of cytokines, which through feedback loops, identify the abnormal condition, communicate this back to the macrophage, which then activates the appropriate therapeutic defense response. If the abnormal condition is a tumor, TNF , tumor necrosis factor is produced. If the challenge is bacterial, the macrophage population is increased to engulf and lyse the

offending bacteria. Interferon is released to prevent bacterial and viral reproduction. Whatever abnormal condition exists, the macrophage acts to bring the body back to health. "Normal" is healthy; the macrophage is the wonderful "normalizer".

In any "abnormal" health condition, stimulation and activation of the bodies defense system is especially indicated. This can now be accomplished safely and effectively. A patented product, non-toxic, GRAS (generally recognized as safe by the U.S. Food and Drug Administration), with no reported side effects is now available in a unique, highly purified form. Literally hundreds of scientific reports attest to the ability of beta 1,3, 1,6, glucan from yeast to stimulate and activate the immune system. Originally developed by Bayer Pharmaceuticals, the beta 1,3,1,6, glucan manufacturing patent was acquired by inventor Byron Donzis, improved and patented again and further purified to be a completely unique product. Recent manufacturing breakthroughs have resulted in dramatic increases in purity and potency, Glucan 491 TM , which makes the product available at an affordable cost.

No medical claim is made for SurviveRx™ Protection Defense System which contains Glucan 491™. The only claim is "for improved organism defense".

SurviveRx™ is available from MORISOL HEALTH AND BEAUTY S.L.

Roland M. Moritz is coowner of MORISOL HEALTH AND BEAUTY S.L.

Your Immune System Needs Support Too!

By Lisa Hyde-Barrett

The human body is a very vulnerable organism, except for the very strong line of defense that the immune system has thrown around it. Without the natural defense system provided by the immune system, the bacteria, microbes, viruses, toxins, parasites, etc., would reduce the body to its chemical components in a few days.

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That is what happens when the body dies and the immune system is no longer there. The human immune system works 24X7, though its work never comes to the limelight. The failure of the immune system is easily noticeable, though.

Although we inhale and eat thousands of germs everyday, the immune system prevents them from causing diseases. When a germ breaks through the immune system occasionally, we wind up with a disease. Once the immune system learns about these germs, it will fight them, and we get over the malady.

The major parts of the immune system are the thymus, spleen, lymph system, bone marrow, white blood cells, antibodies, complement system, and hormones.

The immune support system displays dual characteristics: self or non-self recognition, general or specific, and natural or adaptive, cell-mediated or humoral, active or passive, and primary or secondary. Some parts of the immune system act against specific antigens. These parts are called antigen-specific. Other parts of the immune system are systemic, working throughout the human body rather than restricting themselves to the initial infection site. Still others recognize antigens in order to attack them more vigorously next time they pose a threat. These parts of the immune system are said to possess a memory.

We are all born with a genetically based natural defense system. The skin is the most important organ of our natural defense system. An injury is a gateway for germs to enter the body. This, or the presence of a foreign object within the body, causes the immune system to act, getting rid of the invaders, while the skin takes care of the wound. When this process does not take place, it results in an infection.

Another sign of the functioning of the immune system is when we get a rash or a bump on the skin after a mosquito bites.

The body would cease to be without the immune system. Just take a look at some of the few things that could go wrong with a sub-optimal immune system:

Self or non-self recognition in the immune system occurs when every cell displays a marker based on the major histocompatibility complex (MHC). If a cell does not display this marker, the immune system considers it as a non-self and attacks it.

A breakdown of this process results causes the immune system to attack the self-cells. Multiple sclerosis, systemic lupus, types of diabetes and arthritis are all autoimmune diseases caused by the immune system attacking the self-cells. Allergies are the result of the immune system overreacting to certain stimuli.

Diabetes occurs when the immune system attacks the cells in the pancreas and destroys them. Rheumatoid arthritis is also the result of the immune system causing trouble in the joints. The immune system also creates problems during organ transplants; it often refuses to accept the new organ.

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Keeping the immune system in proper working order, especially with the increasing amounts of toxic pollutants in the environment, is becoming a tough task. Recent research is leading scientists to believe that certain carbohydrates represent the next frontier in the search for non-toxic compounds that support the immune system.

Eight of these essential sugars, called glyconutrients, have already been discovered. Only two of these are found in our daily diet though. These eight essential sugars supply the body with glycoforms that are needed for cell-to-cell communication. Four of the last eight Nobel Prizes in medicine have been awarded for research into Glycobiology. A steady supply of glyconutrients is necessary for keeping the immune system working well. It has been found that the body recovers and heals faster when glyconutrients are used when administering chemotherapy and radiation.

Trouble is, the same toxins in the environment that weaken our immune system also affect the body's ability to synthesize these glyconutrients. Which is why we should ensure a steady supply of these glyconutrients through glyconutritionals or food supplements containing glyconutrients.

We are living in an increasingly polluted world. The body is increasingly finding it difficult to combat the ill-effects of these through its natural processes. It is up to us to use our intelligence to tap our advance medical knowledge for the body's help. Because, ultimately, it is a question of our existence itself.

Lisa Hyde-Barrett, a registered nurse and wellness advocate, knows the value of good nutrition and its relationship with good health. She's become passionate about the new research behind sugars, specifically Glyconutritional products. More information on these products can be found at <http://www.eight-sugars.com> Learn more about immune support at http://www.deadly-health-myths.com/immune_support.html

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