

Colostrum is a proven, effective immune system booster

(partial article-for full article click on link)

by: Dani Veracity, citizen journalist

<http://www.naturalnews.com/009912.html>

Soon after giving birth, female mammals produce colostrum, which is a milk-like substance that jump-starts a newborn's immune system. Researchers now believe that the benefits of colostrum don't necessarily end there. If you have a compromised immune system or are just looking for a boost to your healthy immune system, colostrum may be the jump-start you need to fight infection or immune-related chronic diseases such as cancer.

The immune-boosting property of colostrum stems from molecules called transfer factors, which were first discovered in 1949 by Sherwood Lawrence. While treating tuberculosis patients, Lawrence noticed that [immune response](#) factors could be transferred from [blood](#) donor to recipient, hence the term "transfer factors." According to Burton Goldberg in *Alternative Medicine*, transfer factors "can 'educate' or modulate a recipient's [immune system](#), teaching it to recognize these specific antigens and communicating the knowledge that they are present."

Of course, HIV and hepatitis concerns make modern blood transfer a risky method of boosting recipients' immune systems with transfer agents. In 1999, fifty years after Lawrence's discovery, researchers discussed the potential role of transfer factors in modern [medicine](#) at the Eleventh International Conference on Transfer Agents in Mexico. Bovine colostrum was a hot topic at the convention; it is the most abundant source of transfer factors known today

Bovine colostrum is replete with transfer factors such as [hydrogen peroxide](#) and IgG-type immunoglobulins. You may already be familiar [hydrogen](#) peroxide -- the stuff the school nurse put on your skinned knees. Our healthy cells regularly produce hydrogen peroxide to attack invading pathogens; in fact, doctors in the British army who were aware of this fact used intravenous hydrogen peroxide to treat [influenza](#) in India.

Bovine colostrum's high concentration of IgG-type immunoglobulins is especially significant for people suffering from acquired immune deficiency syndrome. While a healthy immune system can easily fight a form of [diarrhea](#) called cryptosporidiosis, it can be deadly for [AIDS](#) patients. IgG-type immunoglobulins are particularly effective against *Cryptosporidium parvum*, the microorganism that causes this form of [disease](#). In fact, according to the Health Science Institute's Underground Cures, "colostrum is able to ameliorate or completely eliminate the clinical symptoms of those suffering from cryptosporidiosis."

By boosting your immune system, colostrum also proves an effective anti-cancer treatment. As you may already know, [cancer](#) is related to immune deficiency. Cancer cells develop in our bodies all the time, but our immune systems effectively kill the [cancer cells](#) before they further develop and symptomatically appear as the disease we know as "cancer." The development of cancer indicates that the immune system was ineffective in fighting the malignant cells that appeared; these cells took advantage of a weakened state, grew, and spread out of control.

Boosting your immune system builds your body's defenses against naturally occurring cancer cells, thereby preventing a full-blown progression of the disease. If you already have cancer, colostrum is vital for your treatment. Its immune-boosting abilities will help your body fight off the cancer. [Colostrum](#) furthermore contains the antioxidant phytic acid, which prevents [iron](#) from reaching and nourishing cancer cells.

Transfer factors may become a valuable way to treat communicable disease in the future as researchers learn more and gain the ability to isolate specific factors. In fact, transfer factors may someday cure the diseases ravaging the world population, such as AIDS and [Ebola](#). After the tragic 2002 Ebola [outbreak](#) in Uganda, freelance journalist Sam Wainaina explored the potential benefits of transfer factors in Africa. In his [article](#), Wainaina concluded that had transfer factors been used during the outbreak, it could have been contained sooner, saving lives and avoiding mass hysteria. Research for cures through transfer factors continues, but you can take advantage of the benefits of colostrum and the amazing transfer factors it contains today. If your immune system is compromised, you don't have to wait to help yourself by learning more about colostrum supplements now. The experts speak on colostrum and immune support:

"What is colostrum?"

Colostrum, a milk-like substance that female mammals produce soon after giving birth, is full of potent, immune-stimulating factors that jump-start a newborn's immune system. It is also thought that it can help a person with colon cancer fight off a recurrence of the disease, says Robert Rountree, M.D., cofounder of the Helios Health Center in Boulder, Colorado.

Alternative Cures by Bill Gottlieb, page 169

"The immune-boosting property of colostrum stems from molecules called transfer factors (TFs)"
What kind of immunological information is transferred? The TFs can "educate" or modulate a recipient's immune system, teaching it to recognize these specific antigens and communicating the knowledge that they are present. ...TFs from colostrum taken as a supplement provide resistance to infection and disease.

Alternative Medicine by Burton Goldberg, page 601

Judging by what came out of the 11th International Congress on Transfer Factors in Monterrey, in 1999 as well as recent information, hope for [Africa](#) lies in what has been known in [medical literature](#) for over 50 years as Transfer Factors or TFs.

The most abundant source of Transfer Factors today is cow colostrum, what Dr Rob Robertson calls "God's first gift to the newborn." Transfer Factors are the vital healing ingredients in colostrum. Dr Robertson was for many years head of emergency medicine at the Western Baptist Hospital in Kentucky, USA, and is a regular radio talk show host on the subject.

Before cow colostrum was discovered as a rich source of Transfer Factors blood was the main source of this healing agent. Indeed, during the Kikwit [epidemic](#), a Congolese surgeon seriously considered using the blood of those who had survived the initial attack to treat subsequent cases. Dr Robertson says that, unlike antibodies, TFs are small molecules that are not consumed in the process of "binding" as happens when disease is confronted in the body.

Dr William Hennen, author of Transfer Factor, the Natural Immune Booster, who compounded the cutting edge variant of TF called Transfer Factor Plus, describes this immune agent as a "concentrated immune massaging system." Besides raising the IQ of the individual's immune system as well gathering intelligence so as to alert naive and dormant immune systems to the impending danger, TFs extracted from colostrum and taken orally are also able to boost "natural killer cell" (NK) activity as well as moderate an over-excited immune system through the "suppressor" component in TFs. Moreover, TFs will act as a memory agent for the immune system. Asserts Dr Hennen: "Transfer Factors are immune messenger molecules that educate and alert naive immune cells to an impending danger. They perform a catalytic role in the immune system."

Can Africa Avoid the Coming Killer Diseases? By Sam Wainaina, as posted [online](#)

"Bovine colostrum is full of immune-boosting transfer factors, such as hydrogen peroxide and IgG-type immunoglobulins" Hydrogen peroxide is a natural substance manufactured by normal, healthy human cells to regulate metabolism and attack invading pathogens. It also occurs naturally in rain and snow, in fruits and vegetables, and in mother's milk, with particularly high concentrations found in colostrum. In 1920, The Lancet reported the use of intravenous hydrogen peroxide by British Army doctors in [India](#), who used it to treat troops suffering from influenza....

Alternative Medicine by Burton Goldberg, page 425

Antibodies are protein molecules set in motion by the immune system against a specific antigen. Also referred to as immunoglobulins, antibodies occur in the blood, lymph, colostrum, The antibody binds tightly with the antigen as a preliminary for removing it from the body or destroying it.

Alternative Medicine by Burton Goldberg, page 22

... Cryptosporidium parasites cause acute diarrhea in people with strong, healthy immune systems but can be life-threatening in those who are immune compromised. Studies published in Infection & Immunity ...have shown that colostrum is able to ameliorate or completely eliminate the clinical symptoms of those suffering from cryptosporidiosis.