Miracle Molecule: Outsmarts Disease: Unlocking Transfer Factors in the 21st Century

Along with the new Century has come renewed fervor in the quest for immune enhancing and anti-aging alternatives that help increase overall health and longevity. In answer to this ongoing search, is a discovery that stands out among the many alternative health and pharmacology breakthroughs that became so popular in the 1990's. Today, the successful pursuit for health will include an understanding of the many benefits of transfer factors.

What are transfer factors? Transfer factors are small proteins that act as vital immune factors, brought to us directly from Mother Nature. They are not vitamins, minerals, herbs, hormones, or foods. They are, however, as explained by William J. Hennem, Ph.D., "highly concentrated immune messaging system(s), designed by nature to transfer critical immune programming from one individual to another."

Recently, a group of scientists tested over 150 supplements to determine their effectiveness in boosting the immune system—specifically, Natural Killer (NK) cell activity. Test results demonstrated that two supplements tested at unsurpassed levels: transfer factor and enhanced transfer factor. In fact the enhanced transfer factor boosted NK cell activity by 248% above normal immune response.

Percent (%) Rise in NK Cell Activity Over Baseline

<table>
<thead>
<tr>
<th>Nutraceuticals Tested</th>
<th>Transfer Factor</th>
<th>Enhanced Transfer Factor</th>
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</thead>
<tbody>
<tr>
<td>Noni (Morinda citrifolia)</td>
<td>15%</td>
<td>42%</td>
</tr>
<tr>
<td>Aloe Vera Concentrate</td>
<td>15%</td>
<td>43%</td>
</tr>
<tr>
<td>Enzyme System Formula with Garlic</td>
<td>21%</td>
<td>48%</td>
</tr>
<tr>
<td>Boswellia</td>
<td>23%</td>
<td>49%</td>
</tr>
<tr>
<td>Carlson Formulas</td>
<td>26%</td>
<td>48%</td>
</tr>
<tr>
<td>Shiitake Mushroom</td>
<td>42%</td>
<td>49%</td>
</tr>
<tr>
<td>Echinacea</td>
<td>43%</td>
<td>48%</td>
</tr>
<tr>
<td>Plant Polysaccharide Formula</td>
<td>48%</td>
<td>48%</td>
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Doctors Answer Important Questions

Q: Can I get the same benefit from colostrum as I can from a transfer factor supplement? Bennett

A: No. Transfer factors are the “power part” of colostrum and contain thousands of transfer factor molecules to fight off infection and disease. Transfer factor supplements are vastly more concentrated than colostrum alone. You would have to consume the equivalent of many quarts of colostrum to receive the same benefit of one transfer factor capsule. Bovine colostrum contains antibodies that our bodies can’t absorb. In fact, the body will mount an immune response against them. Transfer factor extracts are the most powerful part of colostrum and give our bodies the immune boost, balance and information we need most. Because transfer factors are not species specific, transfer factors from bovine colostrum will work just as well within our bodies.

Q: Are transfer factor supplements safe for kids? Robertson

A: Transfer factors were designed by Nature specifically for newborns. Because of that, you can feel good giving transfer factors to your children, even to infants. And in fact, you should! Transfer factor supplements produced under a patented process are tested to ensure the highest quality and safety possible.

Q: Why are transfer factors so effective? Robertson

A: Transfer factors are unlike anything we’ve seen in a long time. They were designed to be important communication tools for the immune system. Unlike many other natural immune boosters that add soldiers to the immune army, transfer factors give the immune generals classified information about the enemy. The result is a better equipped, smarter and more efficient fighting machine.

Q: Who needs transfer factors? Olson

A: We all do! Our immune systems are constantly bombarded with circumstances that threaten our health. Stress, poor diet, pollution, chronic illness and not enough exercise all take their toll. Due to the unique nature in which transfer factors function, studies show that they may be of assistance in helping our bodies deal with these problems. Transfer factors are well tolerated, safe and effective for people of all ages. If you have an immune system, (and all of us do), you may indeed benefit from transfer factor support.

Over 3000 papers have been written on transfer factors since they were first discovered in 1949. The benefits of transfer factors have been reviewed and the proceedings of the Eleventh International Symposium on Transfer Factor have been published. These reports cover the successful use of transfer factors in addressing viral, parasitic, fungal, malignant, neurological and autoimmune diseases. Many serious illnesses are the result of immune imbalance. Because transfer factors can function as immune system modulators, they are capable of helping to restore immune system balance in many types of chronic disease. WHR

"Transfer factors are in the same class as your most potent vitamins. You need them all the time. Everyone needs them. Not only you as an adult, but also your children and pets. And they’re safe. I have not had a single side effect related to the use of transfer factors.”

Vivienne Matalon, M.D. Internist
The immune system and the transfer factor connection

Described as one of the most revolutionary and promising health breakthroughs today, transfer factors are breaking new ground by actually bringing together the medical and scientific communities with the alternative natural health industry. Safety issues surrounding transfer factors are truly outstanding, as no adverse side effects have been reported, making transfer factors safe and effective for men, women, and children of all ages. The medical research on transfer factors dates back for more than 50 years. And now, after more than 3,000 peer-reviewed studies and scientific papers documenting their benefits, transfer factor supplements are finally available.

It is the responsibility of the immune system to defend the body against infection and disease, and the ever-increasing environmental factors of today's world. For this reason, it is easy to understand how important it is to maintain and build this system. In the book Transfer Factors: Nature's State-of-the-Art Immune Fortifiers, Rita Elkins states, 'The use of compounds like transfer factor can significantly contribute to immune strength, which in turn determines the quality of our health and, ultimately, of our lives.'

Transfer factors have been shown to boost the immune system, suppress an overactive immune system and act as memory agents for the immune system. Transfer factor's immune strengthening abilities stretch across all facets of health to aid with everything from recurrent colds and sore throats, ear infections to chronic infections and the wide range of devastating diseases. Transfer factors promise to play an enormous role in health and immunity in the future.

The importance of disease prevention through a stronger immune system is also very evident when you consider the misuse and overuse of antibiotics. 'Modern medicine has produced the world's best emergency rooms, but has made few gains in preventing and treating chronic degenerative diseases.' According to Richard P. Huemer, M.D., of Vancouver, Washington, "Doctors are taught that diseases have well-defined causes that respond to well-defined treatments. The problem with this approach is that diseases are most easily defined in their late stages, far past the opportunity for prevention.'

According to U.S. News Online, even back in the 40's, scientists knew that the more an antibiotic is used, the quicker it becomes useless. While most bacteria exposed to the drug are killed, the fittest survive and pass survival traits to their offspring. With continued use of the antibiotic, the resistant bugs proliferate. Bacteria that have become resistant to one antibiotic also seem to find it easier to build resistance to others. Antibiotics are only effective in the treatment of bacterial infections. They have absolutely zero impact on viruses such as colds, flu, bronchitis, or other viral infections. Is there any question that strong and vigilant immune systems are absolutely necessary for today and the future?

The further we step into the future the greater the need we will have for a natural "superpower" like transfer factors. Transfer factors can be prepared from a few sources, one of the most promising commercial source being colostrum. Immune enhancing transfer factors are sourced from bovine (cow) colostrum and isolated through a patented extraction process. These transfer factors then provide our bodies with all of the immune information the cow has gained in its lifetime, including all of the foreign invaders it has encountered. This powerful supplement gives us a unique advantage in the war against illness and disease.

As we step into the 21st century, transfer factors are sure to be a leader among the discoveries made in biotechnology, promoting health and longevity in a way that is unprecedented thus far.

2. www.prairiepublic.org/features/healthworks/antibiotics/

"Immune imbalance underlies many chronic illnesses. Because transfer factors can function as immune modulators, they can help restore immune system balance in many types of clinical situations."

Kenneth Bock, M.D.
Progressive Medicine
Experiences with Transfer Factors

**Mike Akins**
I am in extremely good physical condition—I run frequently, take vitamins, and own a health club. I honestly didn’t expect to get a reaction from a transfer factor supplement. But after taking it for a period of time, I was shocked to realize that I had reached a new level of health and wellness I hadn’t felt before. It wasn’t like I had taken an energy drink—this wellness comes from deep within.

**Karlyn Norton**
I have suffered from fibromyalgia pain for several years and tried every product I could find. Nothing made a significant difference until I tried a transfer factor supplement. It has literally changed my life. I don’t have to live with pain anymore. **I have my life back!**

**Glenys Johnson**
My daughter Jessica was born in October 2000. From the moment we came home it was obvious there was something not quite right with her, which I believed to be her digestive system. We treated her for colic, reflux, thrush and a urine infection—none of which made the slightest bit of difference. I tried a transfer factor product. The results certainly were marvelous! Overnight, Jessica was a different baby. She woke up calmly, smiled at her toys, fed much better, slept longer, her bowel motions were much easier, and she was generally a much more settled and happy baby. **We just couldn’t believe the change in her.**

**Chris Moore**
I have suffered from severe allergies for more than 10 years. My eyes would swell and itch, and I experienced sneezing fits. I was basically miserable. When I was first introduced to transfer factors, I took a supplement for five days and my allergies completely cleared up. As long as I stay on three a day I don’t have a problem. If I go off the product for more than a week or so, my allergies start giving me trouble. **After 10 years of suffering I now have had almost two years of freedom.**

For more information on transfer factors read these books from Woodland Publishing: Transfer Factor by William J. Hennen Ph.D., 1998, Transfer Factors by Rita Elkins, M.H., 2001 and Enhanced Transfer Factor by William J. Hennen Ph.D., 2000