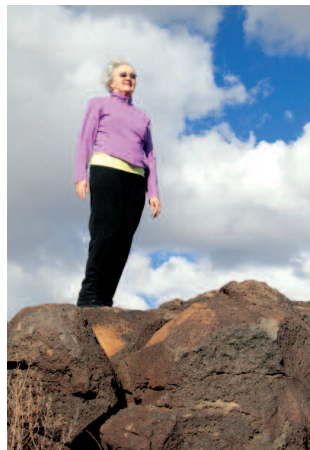


The Enzyme Longevity Factor

Many people take enzyme supplements with meals to improve digestion, but their benefits don't stop there. Special enzymes, called proteolytic enzymes, digest and break down fibrous, protein-containing waste products such as bacteria, cysts, tumors, cell debris, immune complexes, toxins and dead tissue. When taken on an empty stomach, their effect is systemic because they enter the bloodstream, helping to "clean up" throughout the body. For this reason, enzyme supplements should be part of every health-conscious person's regimen, particularly those who do not enjoy good health.

Cancer Protection & Control

by Ken Babal, C.N.



The clinical use of systemic enzyme supplements is most widely practiced in Germany where they are commonly used for pain, inflammation, swelling, blood-thinning and immune support. More than 50 studies have confirmed their use as beneficial in cases of rheumatoid arthritis, osteoarthritis, and sports injuries, as well as for maintaining good heart health and immune function. Clinical uses also include allergies, sinusitis, muscle pain, multiple sclerosis, postsurgical edema and tooth extraction.

In contrast to pharmaceutical anti-inflammatories, such as nonsteroidal anti-inflammatory drugs (NSAIDs) like aspirin and ibuprofen, enzyme preparations support and accelerate the natural inflammatory healing response without letting it get out of control, resulting in a pain-relieving effect. This is accomplished by improved microcirculation at the site of inflammation and removal of inflammatory products.

Inflammation and pain are features of cancer and the conventional treatments used to treat it. In addition, some researchers estimate that about 30 percent of all cancers are related to chronic inflammation or infections. Both inflammation and infections generate free radicals, which can damage DNA and initiate cancers.

evident on the outside, too, as our skin wrinkles and loses elasticity. Most chronic diseases such as cancer, diabetes and heart disease are mediated by fibrosis and a similar tissue hardening called sclerosis caused by oversecretion of growth factors. TGF-beta is also known to be stimulated in some types of cancers in a process called angiogenesis. Angiogenesis is the process by which tumors grow blood vessels to nourish themselves, helping them to spread and become more lethal.

Research shows that oral systemic enzymes reduce excessive synthesis of TGF-beta levels and inhibit fibrosis and sclerosis. This is accomplished by proteolytic enzymes binding to immune complexes composed of antigens and antibodies. A transformation takes place, allowing them to be engulfed and digested by white blood cells. Through this mechanism, oral enzymes accelerate the elimination of TGF-beta and other messenger chemicals.

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TRANSFORMING GROWTH FACTOR

Clinical studies show that oral systemic enzymes are incorporated into cellular immune functions and have many anticancer effects, including reduction of transforming growth factor-beta (TGF-beta). TGF-beta is a growth-stimulating chemical that, when out of balance, overloads the body with energy for excess tissue formation, ultimately causing a precancerous hardening or scarring (fibrosis) of tissue. TGF-beta is required in large amounts for growth during youth and when we injure ourselves, but as we age it causes kidneys, arteries, lungs and other tissues and organs to lose their suppleness. This becomes

SUPPLEMENTING WITH ENZYMES

Everybody should consider supplementing with systemic enzymes, and there is no better choice than Enzymedica, the leader in plant-based formulations. Because enzyme production declines with age, supplementing with enzymes helps maintain our full enzyme potential for resisting the threat of cancer and other challenges to our immune system. As a leading company specializing in enzymes, Enzymedica offers a broad line of formulations that address a wide variety of health concerns. Digest Gold™ is the product for maximum digestive support. Virastop™ contains proteolytic enzymes specifically designed to target growth factor levels. Natto-K™ contains nattokinase to increase circulation and break down fibrin. pH-Basic™ is designed to raise alkalinity, an environment that is hostile to cancer. ■

Ken Babal has a nutrition counseling practice in Los Angeles and is author of numerous books including *Good Digestion: Your Key to Vibrant Health*.

Resources

To find Enzymedica products near you, visit www.enzymedica.com or call them toll-free at 888-918-1118.

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