



New Children's ENT-Pro

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What if I told you a tasty chewable strawberry flavored probiotic has the ability to turn on a part of our natural immune system that lives in our mucous membranes? What if this tasty chewable strawberry flavored probiotic has been shown to be effective against fungus, bacteria, as well as strengthen white blood cell activity called natural killer cells? You'd be interested right?

Biotics Research asked Dr. Liubov Sichel, a world renowned microbiologist with more than 180 publications and 36 patents to help develop a product for children. But as you watch this, you will see that even though it's designed for kids to treat or prevent ENT (ear, nose and throat) problems, adults can benefit as well.



Biotics probiotics have been designed to survive stomach acid and bile juices. With over 40 clinical studies, this product is stable and effective even in the presence of antibiotics and chemotherapy drugs. The formula is called Children's ENT-Pro.

Dr. Sichel discovered two new probiotic strains: lactobacillus delbrueckii LE for short and lactobacillus rhamnosus or LB3. These two strains are complimented by three other strains of probiotics,

one of them for inflammation and two others that are present in mother's milk.

Strains of lactobacillus LE and LB3 were found to be effective against the microbes most frequently found in chronic and recurring ENT infections. It specifically has shown to be effective against three stains of candida: candida albicans, candida krusei and candida tropicalis.

What's exciting is that these antimicrobial prop-

erties are not because of their direct killing abilities rather from stimulating our own natural immune system through a mechanism called immunobiotics. Immunobiotics is a relatively new term that describes how probiotics promote health through enhancing the part of our immune system that lives in our mucous membranes.

There are two parts to your immune system, the innate and the adaptive. For example, IgA, the main immunoglobulin antibody in the mucous membranes, is part of the immune system and the first line of defense for tears, sweat, colostrum, and secretions from the genitourinary tract, gastrointestinal tract, prostate, and respiratory epithelium. Because the probiotic strains LE and LB3 have been shown to increase natural IgA, they have an anti-microbial effect.

A type of white blood cell referred to as natural killer cells are also part of the immune system. One of their functions is to contain viral infections through a process called apoptosis while the adaptive immune response generates specific cytotoxic T cells that can clear the infection. A formula that increases natural killer cells is very desirable. Both LE and

LB3 in Children's ENT-Pro increase natural killer cells.

Another benefit of this unique blend is its ability to bind to mucosal membranes in the upper air passages. Dr. Sichel suggested the addition of lysozymes to Children's ENT-Pro. Lysozymes are antimicrobial enzymes and are found naturally in human saliva as part of the innate immune system. The enzyme functions

by attacking, hydrolyzing, and breaking the mesh-like layer of sugar and amino acid bonds that make up the cell walls. This hydrolysis in turn compromises the integrity of bacterial cell walls eventually killing the bacteria.

Children's ENT-Pro tastes good, adheres to the mucosal lining in the mouth, and demonstrates survivability under acidic and alkaline environments as well as against antibiotics and chemotherapy agents. It shows antagonist activity toward opportunistic microflora, exhibits immunomodulating effects and sports two billion bacteria per tablet. It can be used preventatively as well as therapeutically. Ask your clinician about Children's ENT-Pro. I know it was designed for kids, but I guarantee adults will be cracking open a few for themselves.

