



The 1st probiotic to

PROTECT

its human host

Among non-communicable diseases, intestinal permeability (metabolic endotoxemia) is the #1 cause of morbidity and mortality worldwide. Metabolic endotoxemia is a condition that stems from dysbiosis and a breakdown of intestinal barrier function. Intestinal permeability is present in most

chronic diseases and is believed to be a major driver of many conditions. MegaSporeBiotic is clinically shown to reduce intestinal permeability by 60%, when compared to the placebo control group, in just 30 days without any additional interventions.

Reduce
LPS
Translocation

Reduce
Systemic
Inflammation

Repair
Leaky Gut

Conditions associated with Metabolic Endotoxemia/Intestinal Permeability:

- Autoimmunity
- Depression
- Anxiety
- Alzheimer's
- Memory Loss
- Anorexia
- Parkinson's
- Hypogonadism
- Leptin Resistance
- Chronic Pain

MegaSporeBiotic



Designed by Nature



MegaSporeBiotic™ is formulated with nature in mind. Found naturally in the environment for millions of years, Bacillus spores have developed a symbiotic relationship with their human host. Our ancestors derived probiotic benefits from inadvertently consuming bacillus spores on a regular basis. In fact, the oldest bacterial spore ever documented was 250 million years old and found inside salt crystals in Carlsbad, New Mexico. Though it sounds like science fiction, scientists were actually able to isolate and grow the 250-million-year-old spores!

Stomach Survivor



Bacillus spores are naturally designed to survive digestion. The reason for their inherent survivability comes from the spores' bi-phasic life cycle. This means that the Bacillus spores can transition interchangeably from their dormant form to their active form, depending on the environment. In its dormant spore form, Bacillus will surround itself with an endospore, which is a tough, natural outer shell that protects it from light, heat, pressure, acid, lack of oxygen, and other environmental factors. This key feature is what allows MegaSporeBiotic™ to survive easily through digestion without the need for enteric-coated capsules. In fact, MegaSporeBiotic™ maintains its viability outside of its capsule and can even survive baking, up to 450° F.

Immune Support



Over 70% of the immune system can be found in the gut in the form of gut-associated lymphoid tissue, or GALT. Studies show that Bacillus subtilis promotes the development of GALT, which is critical to the formation of a properly functioning and robust immune system. MegaSporeBiotic™ also supports the immune system by stimulating Peyer's patches, as well as Toll-like receptors, in order to improve pattern recognition, increase circulating T and B lymphocytes, and upregulate regulatory T cells. The end result is a healthier gut lining and a stronger immune system that is better equipped to handle unfavorable lifestyle and environmental factors that can lead to conditions like asthma, allergies, autoimmunity, and infections.

Leaky Gut Solution



Leaky Gut Syndrome, a condition characterized by increased intestinal permeability, has become a major problem in the United States. Some studies even suggest that leaky gut plays a pivotal, and perhaps even causal, role in the development of many chronic diseases by triggering low-grade systemic inflammation. On the cellular level, leaky gut is the result of disrupted tight junctions between colonocytes, creating small holes in the protective intestinal wall. These small openings allow unwanted toxins to pass through the intestinal wall directly into the bloodstream, where they can increase inflammation. MegaSporeBiotic™ has been shown to heal leaky gut by closing tight junctions between colonocytes, increasing the thickness of intestinal mucosa, and up-regulating secretory IgA levels that support the body's natural defense against infections. With a published, human clinical trial showing a 60% reduction in leaky gut in just 30 days, MegaSporeBiotic™ is the most effective leaky gut solution on the market today.

The MEGA Difference



Most Probiotics

MegaSpore Biotic

Predominant Species

Lactobacillus | Bifidobacteria

Bacillus

Approach

Reseed the gut

Recondition the gut

Survivability

✗ Most do not survive digestion

✓ Designed to survive digestion

Adhesion

✗

✓ All humans have binding sites for bacillus

Colonization

✗

✓ Effective colonization in the human gut

Quality

✗ Few companies DNA verify their probiotics

✓ Subject to 3rd party DNA verification

Efficacy with antibiotics

✗ Most probiotics are destroyed by antibiotics

✓ Strong enough to withstand broad-spectrum antibiotics

Clinically shown to reduce intestinal permeability

✗

✓ Ask us about our Leaky Gut study

Clinically shown to reduce serum cholesterol and triglycerides

✗

✓ Ask us about our Cholesterol study

Provides powerful immune support

✗

✓ Ask us about our Pre-Autoimmune study