Super-charge your immune system & detox your body with the power of fungi!



ZMUNITY MUSHROOMS

ZMUNITY is a **natural supplement** comprised of micronized, activated zeolite and a micronized blend of seven certified-organic, non-GMO **medicinal mushrooms**:

Research has shown that mushrooms provide a variety of health benefits that may include the following:

- **Increased longevity**
- **Improved blood flow**
- **Cholesterol & blood sugar normalization**
- **Liver protection**
- **Kidney support**
- **Anti-viral, antibacterial and antifungal**
- **Improved respiratory function**
- **Reduced risk for heart disease**
- **Decreased platelet aggregation**
- **Improved blood flow**
- **Improved skin and hair**
- **Increased sexual function & athletic ability**



Agaricus blazei
Lentinula edodes
Grifola frondosa
Trametes versicolor
Ganoderma lucidum
Cordyceps militaris
Cordyceps sinensis
(Not the zombie kind)



Detoxing with Cell Defender

The body's immune response can slow or stop the detox process of Cell Defender, and by adding the Zmunity Mushrooms, you can calm the immune response allowing a much more effective detox.

A carefully designed blend of medicinal mushrooms may deliver a powerful therapeutic punch, with current research focusing on everything from protection against seasonal colds or flu, all the way to more serious health conditions.

Why so many different kinds of mushrooms + Zeolite?

It is therapeutically best to utilize a blend of several mushroom species, because **"the whole is greater than the sum of its parts."**

For one thing, it is easier for pathogens in the body to adapt and become resistant to one mushroom than to several. Secondly, each mushroom species has a unique arsenal of anti-infective and immunomodulating agents.

It is the synergy between ALL of these elements that makes mushrooms so medicinally powerful when consumed as a whole food—mycelium included.

The zeolite in **Zmunity** attracts and traps heavy metals and toxins when in close proximity to these compounds. Just like in Cell Defender, the toxins are drawn into the zeolite cage and once trapped there, these toxins are easily removed from the body.

Because our blend of mushrooms and zeolite have such powerful immune-boosting effects, it isn't surprising that together they have great potential for battling life-threatening conditions.

Medicinal mushrooms have been used as functional foods for thousands of years and clinically for more than a hundred years. The main constituents of the mushroom cell wall are polysaccharides that have been known to act as immuno-modulators. Specifically, ß-glucans ("Beta-glucans") have been shown to improve overall immune system health without the risk for hyper-immunity.

While toxins certainly have an influence on immune system health and activity, there are many other factors involved. Genetics play a role and some individuals are prone to either immuno-suppression (reduced immune system function) or hyper-immunity (an over-active immune system that may cause oxidative stress or an autoimmune reaction). As an example, asthma sufferers are prone to the hyper-immune response that leads to an asthma attack.



As an alternative, there are compounds that function as "immuno-modulators." These compounds act to improve overall immune system function without the risk of a hyper-immune response.

Cancer cells are notorious for "hiding" from chemo agents. New research has shown that certain mushroom extracts help chemotherapy drugs better locate and identify cancer cells by "uncloaking them," thereby making chemo more effective.

Medicinal mushrooms are also believed to strengthen the immune system of those undergoing chemotherapy, so cancer patients may get a double benefit!

It is clear that our blend of seven organic, non-GMO medicinal mushrooms + our special micronized zeolite in Zmunity Mushrooms makes it an important tool in helping remove toxins and providing immune system support and protection.

There is a lot of confusion today in the field of pharmaceutical mushrooms as to what form of mushroom product is the best for use.

There are various components of the mushroom, which have been used as separated compounds. Is it the fruit-body, the mycelium or an extract from some particular compound that is responsible for the mushroom's properties?

This question is not as straightforward as it seems.

For example, in the production of many mushroom-derived drugs and health supplements, the compounds are extracted not from the mycelium, but from the broth in which the mycelium is grown.

Mushroom Components

- **Fruit body.** This is the mushroom seen above the ground. It is the spore-producing portion involved with reproduction. Basically, the fruit body is equivalent to the flower of a plant. Fruit bodies only form in response to some stress from the environment.
- **Mycelium.** This is the growth form of the organism under the ground where all of the life processes occur: growth, feeding, competing for survival and some forms of reproduction.
- **Broth.** In cultivated mushroom products, the mycelium can be grown either by fermentation, in a tank full of liquid "broth," or on a solid substrate of some material that is found in the natural growth condition. **Most pharmaceutical mushrooms are utilized as extracts for their most potent and most successful products and formulas. But these are very specific and targeted extracts, made for the particular purpose of concentrating specific compounds.**

For general health-supplement usage, the best product is the one that has the greatest effectiveness over a broad range of potential conditions. It makes much more sense to use a full spectrum of products—the fruit body, mycelium and broth.

Research has shown that mixed chemistries play a more important role in the effectiveness of how unrelated chemistries might produce specific results.