

Staying Healthy at 'Back to School' Time



Rik J. Deitsch, MS Biochemistry
Chief Scientific Officer, Avini Health



Across the country, students are heading back to school. Each year, the National Center for Education Statistics (NCES) compiles facts and figures that provide a snapshot of the most recent data about schools and colleges in the United States. In fall 2021, about 49.4 million students were enrolled in public elementary and secondary schools and 5.5 million in private schools. These break down to about 1.4 million attending Pre-K; 35.8 million attending Kindergarten to grade 8; and 16.8 million attending grades 9 to 12.

In school year 2021–22, there were 3.2 million full-time equivalent (FTE) teachers in public schools and 0.5 million FTE teachers in private schools.

That's almost 59,000,000 students and teachers in the United States that just went back into their classrooms. This is a time of stress as well as an efficient arena to transfer potentially infectious germs. With fall and winter coming, the flu, colds, and other respiratory illnesses are more common in cold weather as people tend to spend more time indoors, where viruses can pass more easily from person to person. Also, health experts believe the flu virus survives better in cold weather and cold, dry air weakens people's resistance.





LET'S KEEP OUR STUDENTS AND TEACHERS HEALTHY THIS SCHOOL YEAR!

There's a lot that can be done with Avini Health's products to promote immune system health and keep sickness at bay. This all starts with detoxification; because a cleaner, healthier body fixes itself.

Detoxolite™, the micronized and activated clinoptilolite zeolite that is in Avini Health's products, is the world's greatest systemic detoxifier. It removes heavy metals, volatile organic compounds and other toxins throughout the body. This improves overall health by eliminating competitive metals while stabilizing all of our metabolic functions. The zeolite does not stimulate the immune system, but allows it to function optimally by removing toxins, viruses, yeasts, bacteria, and fungi which can depress immune function and interfere with hormones. Additionally, heavy metals have been indicated in the inhibition or down-regulation of zinc finger proteins. These proteins are necessary for proper cell division and immune system response. The zeolite has been indicated in stabilizing zinc finger protein activation through the removal of inhibitory toxic heavy metals.

ZMUNITY Mushroom Blend

Mushrooms have been used for health, wellness, and medicines for thousands of years. It has been known for a long time that fungi produce potent bioactive compounds with medicinal properties. Classic examples of this fungal-derived class of medicines are antibiotics, such as Penicillin. 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.

These special agents include: Polysaccharides, Glycoproteins, Ergosterols, and Triterpenoids. These agents are precursors to the more complex compounds, beta glucans. It is the synergy between ALL of these elements that makes mushrooms so medicinally powerful when consumed as a whole food. The mushroom blend utilized in Avini's Zmunity are grown in a controlled environment in competition with each other. This allows the fungus to create incredibly high levels of beneficial biomolecules that include: antioxidants, fibers, and signaling molecules. To get the full benefit of these mushrooms, we only use a full spectrum extract of all seven mushrooms in the IAS blend. The IAS Full Spectrum Mushroom Complex in Avini's Zmunity is considered to be the most technologically advanced immune blend for use in dietary supplements on the market today. Featuring a combination of more than 200 highly purified, immune-active high molecular heteropolysaccharides and Beta 1,3-1,6 triple right hand helix beta glucans, IAS is derived from seven closely related organisms—100% USDA certified organic, certified kosher, biotech lab cultivated, full spectrum, non-GMO:

Agaricus blazei (Sun), Lentinula edodes (Shiitake), Grifola frondose (Maitake), Trametes versicolor (Turkey Tail), Ganoderma lucidum (Reishi), Cordyceps militaris, and Cordyceps sinensis (Caterpillar).



Full Spectrum mycoproducts are the complete fungal material consisting of all the biologically active components, including the mycelium, primordia, fruitbodies, and most importantly, the extracellular compounds produced throughout the entire life cycle of the organism. It is these extracellular compounds (compounds that are excreted outside of the cell and into the surrounding environment) that are responsible for the main medicinal properties known from the fungal kingdom. This includes all the antibiotic properties, antiviral properties, antifungal properties and all the other 'survival' compounds that the fungus produces to give itself an advantage over the competing bacteria and microbes in the highly competitive environment in which it lives. These secondary metabolites have opened up the frontiers of medicine, with such breakthroughs as antibiotics and cholesterol lowering drugs.

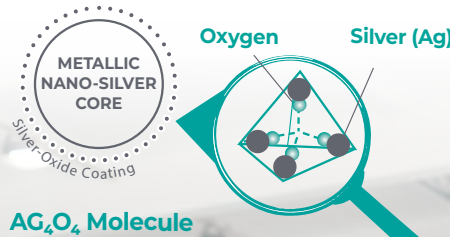
Avini Health's NanoSilver

Silver, as a metal, is naturally toxic to viruses and bacteria; but it can also harm healthy human cells if it's available as a discrete ion (individual atom). Most silver available on the market today contains silver ions in an atomic state that has no crystalline structure. Avini's silver technology contains a nano-sized crystalline metallic core (7-10nm spheres) made of .9999 pure silver, surrounded by a silver-oxide coating (silver and oxygen combined together). This skin-like coating gives the silver its stability and unique properties unlike any other silver technology.

As Ben Franklin taught us, "An ounce of prevention is worth a pound of cure." We have all of the information that we need to maintain optimal health and prevent or minimize disease. Along with this knowledge, common sense, and Avini's spectacular products; we can keep everyone safe and healthy through the Back to School season.

NANO SILVER UNIQUE PROPERTIES INCLUDE...

- Triple-Action Silver Particle
- Continuous-Action Silver Particle
- Does NOT build up in the body
- Proven safe through multiple 3rd party human ingestion safety studies
- Outperforms other silvers that have up to 300 times the quantity of silver
- Harmless to probiotic bacteria





thank you