

# to Support your health

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### Introduction

Most of us are health-conscious on some level or another. We generally try to eat right, exercise, get enough sleep, and adopt good habits associated with healthy living.

But how many of us specifically focus on the immune system as the core of good health and vitality? Not all good habits necessarily lead to a strong and healthy immune system. It is essential to have a robust immune system if we want to enjoy long-term health and protection from disease.

The foods we eat directly impact the immune system's health more than anything else. So, if you're already eating a healthy balanced diet, kudos to you – but you must take it one step further.

Did you know that there are certain "superfoods" that, if consumed regularly, have n almost miraculous effect on the health and strength of your immune system? These foods are packed with nutrients and disease-fighting properties that will supercharge the immunity like nothing else.

That's why they're aptly named superfoods.

This book will give you the essential information you need to know about your immune system and why nutrition is vital. It will list seven immunity-boosting superfoods and explain how they impact immunity. It will also give you some additional immunity-boosting hacks that can be easily incorporated into any lifestyle.

It's as simple as that. Thankfully, the unique immune system is very low maintenance. There are no complicated strategies or routines, expensive supplements, or restrictive diets. You will achieve significant, long-lasting changes by making simple changes to your diet and daily routine.

# **Chapter 1: The Immune System in Action**

### **Your Body's Defense System**

The immune system is an intricate and complex defense system that is mind-boggling. This unique network of cells, tissues, and organs works to detect any harmful invaders that enter your body (viruses, parasites, microbes, and bacteria) and rallies to wage war against the enemy. These toxic substances are called antigens.

The fantastic immune system is programmed to recognize millions of antigens ranging from the common cold to cancer antigens. When these antigens enter the body, the immune system has one mission: kill, kill!

We are bombarded with these harmful substances every second of our lives. They are found on surfaces, things we touch, the air we breathe, and even in foods we eat. Thankfully, our immune system can deflect most of these before they can enter our system. This battle is being waged nonstop as we happily go about our daily lives.

A rather gross but good illustration of this is what happens when an animal dies. Within hours, its body becomes infested with millions of bacteria, microbes, and parasites - simply because the immune system has stopped working. This is precisely what would happen to our live bodies - God forbid - if our immune system stopped working.

### **How It Works**

The immune system works to protect us in three ways:

- 1. It detects and destroys antigens before they enter our bodies.
- 2. If antigens penetrate the defense barrier and enter our system, a barrage of proteins, chemicals, and white blood cells rush to attack and destroy them before they can reproduce.
- 3. If the antigen does reproduce and spread, the immune system goes into overdrive to attack and destroy them all.

Naturally, the stronger your immune system, the better it can destroy antigens before they enter your body or at least in the early stages. A good example is people who get over colds and flu quickly or generally heal faster. This indicates a robust immune system that immediately leaps to its defense!

## Chapter 2: Warning Signs - How to Tell When Your Immune System Needs Attention

The main problem associated with a weak immune system is inflammation, which causes various illnesses and conditions. The following symptoms indicate that your immune system is not functioning as well as it should be.

### 1. Constipation/diarrhea

Frequent bouts of diarrhea or constipation indicate inflammation in the gut caused by a bacteria or virus that your immune system is too weak to destroy. Recurring or chronic digestion problems are typically caused by poor immune system health.

### 2. Slow healing

Wounds or scratches that tend to get swollen and inflamed and take longer to heal indicate a weak immune system.

### 3. Cold hands and feet

Inflammation of the blood vessels constricts blood flow to the extremities, causing them to feel cold and numb. Again, this is a symptom of a sluggish immune system.

### 4. Frequent colds

If you suffer from frequent colds that are hard to shake off, this is a sign that your immune system is not functioning optimally and is too weak to detect and destroy even a simple cold antigen.

### 5. Elevated stress levels

Have you noticed how you often get sick after a particularly stressful time? Research has shown that long-term stress weakens the immune system. You must make time to relax and de-stress regularly.

### 6. Frequent infections

Sore throat, ear infections, cuts, and sores that become infected are all signs that your immune system needs a significant boost.

### 7. Fatigue

When your immune system is weak, your body will try to conserve energy and direct it toward your sluggish immune system to keep it working. The result is often chronic fatigue If you are experiencing one or more of these warning signs, it's time to give your immune system some much-needed attention to prevent your health from deteriorating.



Chapter 3: Top 7 Immunity boosting Superfoods

The signs of a struggling immune system must never be ignored. The easiest and most effective way to strengthen your immune system is to feed it with the nutrients it needs to help it function at peak performance.

Start eating the following superfoods regularly - and be prepared to be surprised by how quickly your health will improve.

### 1. Honey

**Potent properties:** antimicrobial, antioxidant, antimicrobial, and hygroscopic (helps with tissue healing and regeneration).

Since the dawn of history, honey has been known for its near-miraculous medicinal properties. Among other things, it was used to cure coughs and digestive disorders, treat skin problems, and as an ointment to promote wound healing.

Honey is packed with minerals and essential vitamins. That promotes immune system healing and regeneration. This delicious natural sweetener works with your immune system to eliminate free radicals, kill harmful bacteria, and promote the overall rejuvenation of cells and tissues.

Studies have found that consuming a small amount of honey daily strengthens the immune system and enables it to fight infections quickly. It also helps the body to heal faster. In many cultures, honey is often recommended to patients recovering from surgery to promote faster healing of tissues and reduce scarring.

Honey is also an excellent cure for chronic diarrhea, other digestive issues, sore throat, and cough, and it helps relieve acid reflux.

All of these conditions are relayed to a weak immune system.

**Note:** The darker color of the honey, the more antioxidants, and disease-fighting properties it contains. Raw honey is also more potent and better tasting than processed honey, which is heated and filtered, losing some powerful properties.

**Best Practice:** One tablespoon of honey each day is all you need to boost your immunity and enjoy all the other benefits of this natural energy source. It is best taken in a glass of lukewarm water or a herbal tea first thing in the morning. You can also moderately increase your honey intake by using a teaspoonful as

a sweetener in beverages or a delicious topping for yogurt, oatmeal, or fresh fruit.

### 2. Mushrooms

**Potent properties:** Immune stimulant, immuno-modulator, antibacterial, antimicrobial.

An occasional cold, minor injury, or insect bite is good for you. It exercises the immune system and keeps it strong, alert, and ready to combat more severe infections should they occur.

The seemingly mundane mushroom is an immune stimulant, which acts as an energizer that exercises the immune system and gives it a good "workout" without you getting sick. Including mushrooms, a regular diet can boost your immune system by 300 percent.

The potent antibacterial agents contained in mushrooms also help fight viruses, bacteria, and fungi, and they are a good source of essential minerals the immune system needs.

While all types of mushrooms contain essential immunity boosters, the following types are incredibly potent:

- **Maitake mushrooms:** The American Cancer Association has listed this mushroom as a complete immunity-strengthening food that helps fight cancer cell growth. Maitake mushrooms can be found in most high-end supermarkets and health food stores.
- **Reishi mushrooms:** This mushroom is recognized by the Japanese government as an effective cancer treatment. It is packed with several cancer-fighting substances known to treat prostate cancer and several tumors.

It's also very effective in alleviating bronchitis and asthma.

- **Shitake mushrooms:** Another potent pathogen-killer that destroys many viruses and bacteria. The great news is that shitake mushrooms are available at most grocery stores.
- **Lion's mane mushrooms** have been used for centuries in Chinese medicine as super-powerful immunity boosters. They are also a great "brain food" that promotes cognitive function, focus, and memory.

Overall, mushrooms are packed with essential minerals like copper and selenium, which balance and promote immune system health. They also prevent high blood pressure and breast and prostate cancer and are excellent for heart health.

**Best practice**: A half-cup daily is all you need to reap all the benefits of mushrooms. They are so versatile that they can be added to almost any dish on their own or into soups.

### 3. Oranges

**Potent properties:** Antioxidant, antibacterial, vitamin C When we think of oranges, we immediately think of vitamin C, the best protection against cold and flu. Oranges are possibly the highest food in vitamin C concentration. One medium orange will give your body 162 percent of the recommended daily vitamin C intake.

In addition to being a powerful antioxidant that neutralizes free radicals, vitamin C also strengthens the immune system by promoting the production of white blood cells. White blood cells are the immune system's key weapons in fighting infections. Oranges also contain other essential substances for immune system function, such as copper, vitamin A, and vitamin B-9.

**Note:** Citrus fruits, in general, contain vitamin C, so if you don't like oranges, you can opt for lemons, limes, grapefruit,

mandarins or tangerines. Consuming them fresh in juices or peeled and eaten raw is best.

**Best practice:** Don't wait till you get sick, then overload your body with orange juice. Instead, make it part of your daily diet. Fresh orange juice should always be your first choice over canned or frozen. One glass in the morning and another in the evening will supercharge your immunity. If you love oranges, eat them as often as possible, or alternate them with other citrus fruits. They make great snacks and healthy desserts.

### 4. Sweet Potatoes

**Potent properties:** Beta-carotene, vitamin A, antioxidants. When was the last time you ate sweet potatoes? Sadly, sweet potatoes are not on our regularly consumed foods list. But they rank high on the list of immunity-boosting superfoods.

The much-neglected sweet potato is packed with vitamin A, which the immune system requires to function optimally, as it promotes active disease-fighting white blood cells. Just one sweet potato gives you 400 percent of the necessary daily intake of vitamin A!

Sweet potatoes also boost resistance to infections. They contain

beta-carotene and antioxidants, both of which destroy harmful

free radicals.

Regarding overall health, sweet potatoes fight and alleviate chronic

inflammation like arthritis and asthma. They are thought to

prevent colon cancer and heart attack, and stroke.

Best practice: Eating a half cup of boiled sweet potatoes or a

whole-boiled or baked sweet potato is recommended every other

day. They are delicious and filling, so making them a regular item

in your diet should not be a chore!

5. Fish

Potent properties: Omega-3 Fatty acids

Fish is packed with healthy Omega-3 fats, which improve

immunity by promoting the production and activity of white

blood cells. In addition to strengthening the immune system, this

superfood is just plain healthy in so many ways. Some of these

health benefits include:

- Reduces risk of stroke and heart attack
- It contains nutrients that promote brain health
- Promotes longevity
- Decreases the risk of autoimmune disease
- Improves eyesight
- Improves sleep

Bear in mind that not all fish are created equal. For maximum immune-boosting benefits, make sure you eat the following types of fish:

- Wild salmon
- Mackerel
- Tuna
- Oysters (not technically a fish, but are great for promoting immune system function)
- Char
- Cod
- Rainbow trout
- Halibut

### Sardines

**Note:** Fish oil supplements are a great alternative if fish is not an option. Research findings indicate that fish oil improves the immune system response and increases white blood cell production.

**Best practice:** To keep your immune system strong and healthy, you should eat fish twice or three times a week - or every

Day, if you love it! It's simply the healthiest source of protein that you can put into your body.

### 6. Garlic

**Potent properties:** antioxidant, antibacterial, antiviral, antibiotic.

Raw garlic has been used for centuries as a powerful medicinal herb. Its anti-inflammatory and antimicrobial properties are so potent that it is a natural antibiotic. Perhaps garlic's most potent immunity-boosting compound is allice, a powerful antibacterial that prevents blood clotting, lowers cholesterol, and kills bacteria.

It has also been known to stop the growth of certain cancers. Naturally, its properties make it a powerful immunity booster and help your body to ward off illness and infection.

Regularly consuming garlic helps your body fight almost any kind of infection. The list includes common cold, flu viruses, arthritis, inflammatory bowel disease, and infected wounds. It is also believed to prevent certain types of cancer. A recent study showed that the daily consumption of raw garlic lowered the number of colds by 63 percent and lessened cold symptoms by 70 percent. This is reason enough to fall in love with garlic! Garlic has been proven to lower cholesterol levels. High cholesterol can cause the immune system to become sluggish and weak.

More importantly, eating garlic daily will protect you from getting sick in the first place. You will notice fewer colds and sore throats, fewer gum, ear, and nose infections, and recovery from injuries or surgery will be much faster.

**Best practice:** One or two cloves of raw garlic daily will leave you amazed at the results. The cloves can be finely chopped and swallowed with a glass of water. If you have a liking for garlic, that's even better. Make it a habit to use fresh garlic in your meals.

### 7. Chicken Soup

**Potent properties:** Antiviral, antibiotic, antimicrobial.

Our mothers and grandmothers can teach us a thing or two about sound immune system health. Remember that big, fragrant pot of chicken soup your mom would make when someone was in bed with a cold? Well, it's just what the doctor ordered! Nothing can help you get over a nasty bout of flu faster than homemade chicken soup.

Chicken soup gives your immune system a hefty dose of protein, calcium, B vitamins, magnesium, and zinc. These ingredients work together to rev up the immune system and keep it going strong. When you are sick, it speeds up healing by keeping you hydrated and nourished.

**Best practice:** If sick, have chicken soup several times daily to alleviate runny nose, congestion, cough, and other cold and flu symptoms. But don't wait till you get sick to have chicken soup. A bowl of this superfood twice or thrice a week will help maintain your immune system and prevent potential colds and flu.

Remember, the keyword here is "homemade." Soup in a can is easier to prepare but is not as effective due to all the preservatives and additives it contains – plus, it just doesn't taste as good. Make your soup using your favorite ingredients and vegetables and enjoy its benefits and delicious taste.

These superfoods can also be combined to become super superfoods to keep your immune system functioning at its peak. For example, you can add a spoonful of honey to orange juice for delicious energy drinks. Fish with a garlic-herb sauce and a side helping of sweet potatoes make for a delightful dinner. Sweet potatoes topped with honey make a satisfying and healthy dessert or breakfast. Mushrooms can be a tasty addition to chicken soup or served with fish.

The combinations are endless. So, get creative and develop varieties of recipes where you can incorporate these foods to your best advantage.

**The bottom line:** The great things about these superfoods is that they are versatile, tasty, and liked by most people. They can be combined into dishes, eaten independently, or mixed, so they never get bland.

When consumed regularly, the immune-boosting properties of these superfoods will immediately kick in. If you are experiencing symptoms of a weak immune system, they will start to disappear within just a few weeks. You will have more energy, get sick less often, sleep better, and look better, all because of a few simple changes in your diet. How amazing is that?

# Chapter 4: Super-simple Lifestyle Hacks for a Stronger Immune System

Our lifestyles are one of the critical factors that impact our immune system. We can lay the blame on pollution, pesticides, heavy metals in our water, food additives, and myriad other things. But the truth is that our habits play a significant role in how our bodies confront and deal with viruses and bacteria.

Naturally, diet is a critical factor affecting how our immune system functions, as we have seen in the previous chapter. But you can make other simple changes to your lifestyle to boost your immunity further and maintain robust immune health.

Here are some additional super-simple hacks you can apply to strengthen your natural defense system further. As you will see, all of them are just plain common sense, and yet, it's surprising how many people overlook them or downplay their importance.

### 1. Get enough sleep

Bad sleep habits or poor-quality sleep raises stress hormone levels, weakening the immune system. Scientists are unsure how this happens, but research has confirmed a direct relationship between sleep and the body's ability to fight illness.

The specific results of a recent study should bring this home more clearly. The study found that well-rested people who received a flu vaccine developed stronger immunity to the flu virus, whereas people with poor sleep habits developed less resistance.

Burning the candle at both ends, staying up late, or simply being unable to sleep well is not something to be taken lightly. You must structure regular sleep times and ensure your sleep environment is conducive to a good night's rest.

### 2. Exercise regularly

Exercise doesn't necessarily mean strenuous workouts at the gym or a formal exercise class. Thirty minutes a day of moderate exercises like walking, swimming, or cycling can do wonders for immune system health. If you are already practicing some form of exercise, great. If not, you should seriously consider getting more active.

Exercise works to boost the immune system on two levels. It floods your body with "feel-good" hormones and promotes better sleep, strengthening your body's ability to fight disease.

### 3. Reduce sugar intake

We've all heard the expression that sugar is poison. It is undoubtedly true regarding its effect on our immune system. When sugar gets into our bloodstream, it reduces the number of immune system cells that attack and destroy bacteria. This effect can last for hours after you consume a sugary soft drink or other sugar-packed food.

Reduce your sugar intake by using natural sweeteners like honey or molasses and eating fresh sweet fruits like bananas, grapes, and peaches. Fresh juice and smoothies are another great way to satisfy sugar cravings without harming your immune system.

### 4. Wash your hands

Regular handwashing throughout the day is probably something very few of us do. Washing hands after using the bathroom is probably the limit for most people.

The spread of Coronavirus has now made us aware of the importance of washing our hands frequently to prevent the virus from entering our bodies or being passed on to others. Experts are telling us that next to social distance, regular handwashing is vital to prevent the contraction of this virus.

In any case, washing your hands several times during the day or using a hand sanitizer is a good health habit that should be part of any daily routine. A little soap and water can go a long way in preventing a long and uncomfortable illness.

### 5. Reduce stress

Stress hormones are major suppressors of the immune system. Constant stress drains you physically and your immune system, putting you at risk of becoming ill more often. Of course, we recognize that stress is an unavoidable part of life. But regular stress relief should also be a part of our daily lives. Allowing stress to build up is just harmful on so many levels. We've often noticed how we get sick after a significant stress situation. It's not the stress that makes us ill; it's the weakening effect of stress on the immune system that makes us sick more easily.

You must adopt some form of stress relief into your lifestyle. This simply means relaxing and engaging in any activity you enjoy. It could be anything from a warm bath to a long nature walk, meditation, or enjoying time with your family. Make sure you schedule a daily time to unwind and enjoy life.

### 6. Catch some sun

Sunlight is an excellent natural vitamin D source, promoting immune system health. If you live in a sunny climate, count your blessings and make it a habit to catch rejuvenating sun rays daily.

If your climate is not sunny, take advantage of sunny days and spend as much time outdoors as possible.

### 7. Drink plenty of water

This is another no-brainer, but how many of us neglect to do this? Water keeps your body hydrated and flushes out toxins that can slow down immune system function. Ideally, we are recommended to drink eight glasses of water a day.

### Conclusion

The immune system is a complex defense system that protects us from illness and disease. On the other hand, strengthening and maintaining this complex system is as simple as making a few diet and lifestyle changes. This is indeed a blessing to be grateful for.

Start making those changes today to nurture your unique immune system and transform your health. Stock up on the seven immune-boosting superfoods and commit to making them a daily part of your diet. They will not break the bank; most are affordable and accessible at your local market. They are tasty and so versatile that they can be incorporated into every meal daily.

These seven superfoods alone will be enough to dramatically strengthen your immunity and significantly change your health and well-being. Incorporating the lifestyle hacks discussed here into your daily routine will help you reap all the benefits of a supercharged immune system!