



QUICKSILVER
SCIENTIFIC®

Advanced PushCatch® Detox System

MICROBES



WELCOME TO YOUR MICROBIAL RESET

This is one of the most powerful steps you can take toward a healthier, more vibrant you.

Over the past two decades at Quicksilver Scientific, I've met countless people who have struggled with immune challenges, neurological symptoms, inflammation, gut imbalances, and fatigue. Again and again, I've seen the common thread: microbial disruptions. Hidden viral burdens, fungal overgrowth, parasites, and chronic bacterial infections can silently erode health and block healing.

I know this firsthand. In my own journey, parasites and latent viruses impacted my quality of life and showed me just how deeply these unseen factors can affect our well-being.

The purpose of **Advanced PushCatch® Detox System MICROBES** is not simply

to reduce microbial load, but to restore balance. By opening natural detoxification pathways, breaking down biofilms, supporting immune resilience, and clearing what doesn't belong, we create space for the body's innate vitality to return.

Think of this as a reset — a chance to move forward free of hidden burdens, with renewed energy and resilience.

To your health and restoration,



- **Dr. Christopher Shade**
Founder & CEO Quicksilver Scientific

UNDERSTANDING THE LANDSCAPE OF MICROBIAL DISRUPTION

Microbes are part of life. While many are friendly, some can challenge our system and compromise health when they grow unchecked.

THE MANY FACES OF MICROBIAL CHALLENGES

- **Parasites:** hidden invaders from food, water, or travel may silently burden detox pathways and take a toll on vitality.
- **Viruses:** lingering infections that sap energy and weaken immunity.
- **Fungi:** yeast and mold overgrowth can fuel inflammation and gut distress.
- **Bacteria:** imbalances in the gut microbiome can disrupt digestion, mood, and immunity.

These stressors can suppress the immune system, interfere with detoxification, and contribute to fatigue, pain, and immune challenges including histamine intolerance, suppressed immune function, and runaway inflammation. By helping clear microbial imbalances, we open the door to improved health, resilience, and energy.

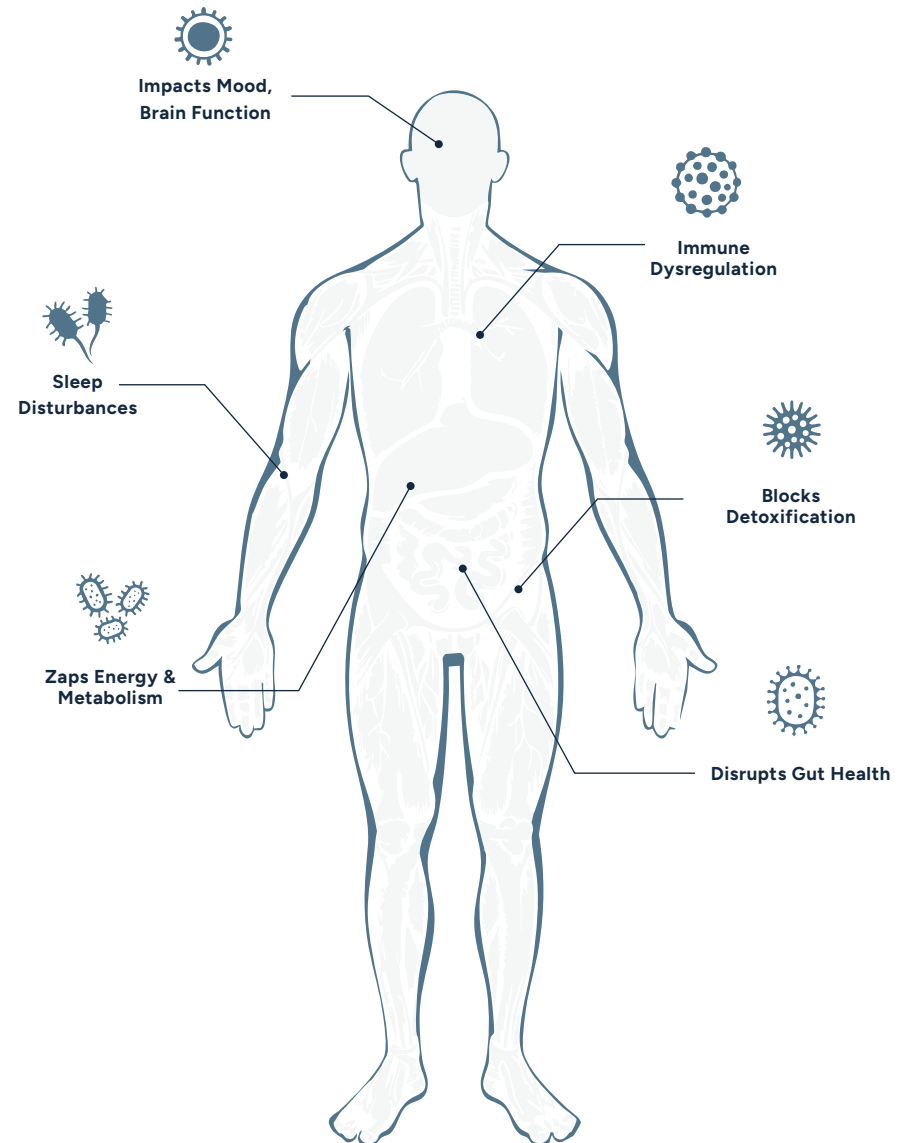
WE ARE MORE BACTERIA THAN HUMAN CELLS

It may surprise you, but your body is home to more microbial cells than human cells. Most live harmoniously with us — but the balance can tip.

Where Do They Come From?

- **Childhood and Ongoing Exposures:** New and common viruses we carry for life
- **Environment:** Airborne fungal spores
- **Food & Water:** Parasites and bacterial infiltrators from contaminated sources
- **Lifestyle Stressors:** Poor diet, toxins, and stress weaken defenses, allowing microbes and fungal overgrowth to take hold

IMPACTS OF MICROBIAL CHALLENGES ON HEALTH



ADVANCED PUSHCATCH® DETOX SYSTEM **MICROBES**

A TARGETED PROGRAM FOR MICROBIAL CLEARANCE

This carefully designed protocol combines botanicals, binders, and immune support for a full-spectrum microbial reset.

WHAT'S INCLUDED

- **Bitter X** – a powerful bitter herb blend that stimulates bile flow, helping transport microbial die-off and toxins through the liver.
- **Kidney Care** – supports lymphatic drainage and gentle filtration through the kidneys.
- **Microb-Manager Para-Max** – Targets microbial overgrowth, biofilms, and immune dysregulation while helping to reinforce gut barrier integrity.
- **Ultra Binder® Capsules** – a blend of binders to “catch” toxins and microbial debris in the gut for elimination.
- **Hista-Aid®** – with quercetin, vitamin C, luteolin, and DIM to help regulate histamine, calm inflammation, and balance immune responses.
- **Immune Charge+®** – a balanced blend of nutrients to support immune strength and function.
- **Quinton® Isotonic Liter** – supports hydration, lymphatic movement, and the extracellular matrix.
- **Clear Way Cofactors®** – plant compounds that gently activate detox pathways (NRF2) and break down biofilms that shield microbes.

Together, these products help mobilize, neutralize, and eliminate unwanted microbial stressors while safeguarding and strengthening your system.

INSIDE THE PROTOCOL



Bitter X

QTY 3 - 50 mL Bottles



Kidney Care

QTY 3 - 100 mL Bottles



Microb-Manager Para-Max

QTY 1 - 60 Softgels



Ultra Binder® Capsules

QTY 2 - 120 capsules



Hista-Aid®

QTY 3 - 50 mL Bottles



Immune Charge+®

QTY 2 - 100 mL Bottles



Quinton® Isotonic Liter

QTY 1 - 33.8 fl. oz.



Clear Way Cofactors®

QTY 1 - 120 capsules

WHAT SETS QUICKSILVER SCIENTIFIC'S PRODUCTS & PROTOCOLS APART?

QUICKSILVER DELIVERY SYSTEMS®

Quicksilver Scientific's proprietary liposomal delivery system is what truly sets our products apart. Unlike conventional supplements that often break down in the digestive tract before reaching cells, our advanced liposomal technology encases nutrients in tiny, stable spheres made of phospholipids—the same building blocks as cell membranes. This allows the nutrients to bypass many absorption barriers, delivering them directly into the bloodstream and into cells with exceptional speed and efficiency. The result is dramatically enhanced bioavailability, faster uptake, and more consistent results compared to standard formulations—ensuring that the body receives the full benefit of each ingredient.

DELIVERY HIGHLIGHT: SMEMDS TECHNOLOGY

SMEMDS (Self-Micro-Emulsifying Multiple Delivery System) is a Quicksilver patent-pending technology that enhances the bioavailability of multiple lipophilic compounds in a capsule format. Upon ingestion, SMEMDS rapidly emulsifies in the stomach, forming nanoparticles that easily cross cellular membranes and enter systemic circulation. This delivery method overcomes the poor absorption and strong taste profiles of many phytochemicals, supporting faster, more consistent uptake and efficacy.

SMEMDS DELIVERY BENEFITS

- Timely delivery of multiple compounds at once
- Alternative intake method for unpleasant tasting compounds
- Can reduce stomach irritation or discomfort common with capsule supplementation



30-DAY PROTOCOL INSTRUCTIONS

PRODUCT CYCLING: Take all products daily as directed

PROTOCOL LENGTH: 30 days

30-DAY PROTOCOL*				
PRODUCT	A.M.	90 MIN. LATER	P.M.	90 MIN. LATER
Dr. Shade's Bitter X	5 pumps		5 pumps	
Hista-Aid®	5 pumps		5 pumps	
Immune Charge+®	1 tsp			
Dr Shade's Kidney Care	1 tsp		1 tsp	
Microb-Manager Para-Max	1 capsule		1 capsule	
Clear Way Cofactors®	2 capsules		2 capsules	
Quinton® Isotonic	15 mL		15 mL	
Ultra Binder® Capsules		4 capsules		4 capsules
*Make sure to drink adequate water when taking charcoal-containing supplements				

INSTRUCTIONS:

- **AM & PM doses:** Take each of the liquid liposomal products individually, holding each dose in the mouth for 30-90 seconds before swallowing. Take one capsule of **Microb-Manager Para-Max** and two capsules of **Clear Way Cofactors®** and 15 mL of **Quinton® Isotonic**.
- It is recommended to take all product on an empty stomach to improve efficacy.
- **AM & PM doses:** Wait 90 minutes after taking the above before taking **Ultra Binder®** capsules.
- Wait another 30 minutes before eating.
- Repeat this protocol as needed or as directed by your healthcare practitioner.

IF TAKING MEDICATIONS, PLEASE READ: Because Ultra Binder® contains activated charcoal and other substances which may affect the absorption of medications, it should be taken at least two hours before or after prescription medications.

*We recommend working with a qualified practitioner for guidance.



2-WEEK INTERVAL PROTOCOL INSTRUCTIONS

PRODUCT CYCLING: 2-weeks on; 3-5 day break; 2-weeks on

PROTOCOL LENGTH: 28 days

2-WEEK INTERVAL PROTOCOL				
PRODUCT	A.M.	90 MIN. LATER	P.M.	90 MIN. LATER
Dr. Shade's Bitter X	5 pumps		5 pumps	
Hista-Aid®	5 pumps		5 pumps	
Immune Charge+®	1 tsp			
Dr Shade's Kidney Care	1 tsp		1 tsp	
Microb-Manager Para-Max	1 capsule		1 capsule	
Clear Way Cofactors®	2 capsules		2 capsules	
Quinton® Isotonic	15 mL		15 mL	
Ultra Binder® Capsules		4 capsules		4 capsules

*Make sure to drink adequate water when taking charcoal-containing supplements

INSTRUCTIONS:

- **AM & PM doses:** Take each of the liquid liposomal products individually, holding each dose in the mouth for 30-90 seconds before swallowing. Take one capsule of **Microb-Manager Para-Max** and two capsules of **Clear Way Cofactors®** and 15 mL of **Quinton® Isotonic**.
- It is recommended to take all product on an empty stomach to improve efficacy.
- **AM & PM doses:** Wait 90 minutes after taking the above before taking **Ultra Binder®** capsules.
- Wait another 30 minutes before eating.
- This protocol may be repeated if as needed. We recommend consulting with your healthcare provider for more targeted, individualized support.

IF TAKING MEDICATIONS, PLEASE READ: Because Ultra Binder® contains activated charcoal and other substances which may affect the absorption of medications, it should be taken at least two hours before or after prescription medications.

*We recommend working with a qualified practitioner for guidance.



COMMON EXPERIENCES DURING MICROBIAL CLEARANCE

When the body begins to clear unwanted microbes — whether viral, fungal, bacterial, or parasitic — you may notice shifts. Some of these changes reflect the “die-off” process, while others represent the benefits of rebalancing the internal terrain.

MILD DETOX OR DIE-OFF SYMPTOMS

As microbes break down, they release byproducts that your body must process. It's normal to notice:

- Temporary fatigue or brain fog
- Digestive shifts
- Skin reactions
- Mood fluctuations, mild irritability, or sleep disturbances
- Increased histamine symptoms

HOW THIS PROTOCOL SUPPORTS A SMOOTHER EXPERIENCE

We built this program to keep the body's pathways open and balanced, so that microbial die-off feels manageable:

- **Keeping detox pathways open**
 - **Bitter X** stimulates bile flow to move microbial debris and toxins through to the liver.
 - **Kidney Care** supports drainage through the kidneys and lymphatic system.

- **Binders on board**
 - **Ultra Binder® Capsules** help trap microbial toxins in the gut to shuttle them out of the body, preventing their recirculation.
- **Managing immune and histamine responses**
 - **Hista-Aid®** helps regulate inflammation, calm histamine flares, and reduce brain fog and other histamine-related symptoms.
- **Supporting immune strength**
 - **Immune Charge+®** provides foundational nutrients that support immune strength and resilience, an important ally when working to clear microbial offenders.
- **Deep hydration and lymphatic flushing**
 - **Quinton® Isotonic** replenishes electrolytes, hydrates at a cellular level, and supports lymphatic flow — helping the body move waste products more efficiently.

This multi-layered approach ensures that as microbes are released, the body can process, bind, and eliminate their toxins smoothly — reducing the intensity of die-off reactions and supporting steady, sustainable progress.

POSITIVE RESULTS AS BALANCE IS RESTORED

As the protocol progresses and microbial burden decreases, you may experience:

- **Improved energy and vitality** — less daily fatigue, more stamina
- **Clearer thinking and mood stability** — brain fog lifts, motivation improves
- **Better digestion** — reduced bloating, more regular bowel habits
- **Stronger immune resilience** — fewer flare-ups, improved defenses
- **Healthier skin** — clearer complexion, reduced irritation
- **Better sleep** — deeper, more restful sleep cycles
- **Overall sense of “lightness”** — less systemic inflammation, more balanced body function

REMEMBER

- **Everyone’s timeline is unique.** Some people notice benefits in a few weeks, while for others, results build gradually over time.
- **Temporary discomfort is a sign of progress.** It means your body is actively clearing what doesn’t belong.
- **Consistency is key.** Sticking with the protocol and repeating as necessary supports long-term microbial clearance and lasting results.

YOUR QUESTIONS, ANSWERED

Q. WHAT MIGHT I FEEL DURING THIS PROTOCOL?

- A.** Some people experience mild detox or “die-off” reactions — fatigue, mild digestive changes, or temporary discomfort. We developed this protocol specifically to minimize discomforts. However, if unpleasant symptoms persist, we recommend reaching out to your healthcare provider for guidance.

Q. HOW LONG BEFORE I NOTICE CHANGES?

- A.** Some feel improvements in energy and clarity within just a few days. For others, benefits build gradually over time as the microbial load decreases.

Q. IS THIS SAFE IF I’M SENSITIVE?

- A.** Yes. This program is designed to be gentle yet effective. Start with the 30-day protocol and communicate with your practitioner if something doesn’t seem right.

Q. WHY DO I NEED BINDERS?

- A.** When microbes die off, they release toxins. Binding agents like charcoal help escort them out of the body through the GI tract, preventing toxins from recirculating.

Q. DO I NEED TO CHANGE MY DIET?

- A.** A clean, nutrient-dense diet free of excess sugar, alcohol, and processed foods will greatly support your results, but it isn’t required.

Q. DO I NEED TO TEST POSITIVE FOR VIRUSES OR INFECTIONS TO DO THIS PROTOCOL?

- A.** We recommend working with a qualified healthcare provider for guidance. If you've tested for microbial challenges in the past and unclear whether or not they are still present, going through the 30-day protocol may provide the support you're looking for.

Q. I'M NOT SURE I HAVE PARASITES. DO I NEED TO KNOW, OR CAN I JUST DO THE PROTOCOL?

- A.** Parasites are more common than many people realize. They can be picked up from food, water, pets, or travel, and they sometimes live silently in the body for years. They can drain nutrients, disrupt digestion, stress the immune system, and release toxins. Clearing them helps free up the body's energy and resilience. It's unpopular to say, but most, if not all people carry parasites. You don't need to formally test for parasites in order to do this protocol and feel the results.

Q. WHY DO SOME PEOPLE TIME PARASITE PROTOCOLS WITH THE MOON'S CYCLE?

- A.** Many practitioners notice that parasite activity increases during the full moon. This may be because certain parasites respond to natural hormonal and neurotransmitter shifts that occur with lunar rhythms. During the full moon, serotonin rises in the body — and parasites are thought to use serotonin to move and reproduce. This can make symptoms more noticeable at this time.

Q. WHAT SYMPTOMS MIGHT I NOTICE IF PARASITES ARE "STIRRED UP" AROUND THE FULL MOON?

- A.** People sometimes report changes in digestion, mood swings, sleep disturbances, or food cravings. These can be signs that parasites are more active — and also that your body is beginning to clear them. The protocols are designed to cover an entire month whether you decide to go straight through for 30-days or use the 2-week interval protocol where you get a break for 3-5 days in between.



PRODUCT DESCRIPTIONS

DR. SHADE'S BITTER X

Dr. Shade's Bitter X features a quartet of bitter herbs that help orchestrate optimal digestion and detoxification via the liver, gallbladder, and kidneys. Dandelion, gentian root, solidago (goldenrod), and myrrh essential oil comprise the foundation of our formula, while sweet orange essential oil adds a touch of sweetness. These potent herbs are delivered together in a liposomal formula, offering unparalleled bioavailability.

IN THIS FORMULA:

Dandelion: Supports urinary elimination of toxins. It also protects the liver, enhances bile flow, and helps upregulate antioxidant pathways such as Nrf2.

Gentian: A robustly bitter botanical, also promotes healthy bile flow. Two of its bioactive compounds, gentiopicroside and gentiolactone, have been found to protect the liver and upregulate antioxidant enzyme activity.

Solidago: A flowering plant with tiny, bright yellow blossoms, has a long history of use in traditional herbalism for supporting the urinary tract. It promotes diuresis and toxin elimination while simultaneously increasing the activity of glutathione

S-transferase: A critical enzyme in phase II detoxification. The bioactive polyphenols in Solidago also have antimicrobial activities against Staphylococcus aureus and Candida albicans, common infectious organisms in humans.

Essential oil of myrrh: A resinous substance derived from the Commiphora mukul tree native to India, supports healthy bile flow by increasing the expression of the human bile salt export pump and promotes a healthy microbial balance.



DR. SHADE'S KIDNEY CARE

Drainage is a vital aspect of safe and effective detoxification and the kidneys play a large role in this process. Kidney Care is effectively the drainage or 'release' aspect to the Advanced PushCatch® Detox System - MICROBES.

Kidney Care is a proprietary blend of botanicals and nutraceuticals that includes Astragaloside IV extract, Zhu Ling, Goldenrod, Dandelion Leaf, He Shou Wu root, Fu Ling, and Ferulic Acid to support healthy kidney function, drainage, and improved detoxification.*

IN THIS FORMULA:

Dandelion Leaf and Goldenrod: The classic bitter herbs dandelion leaf extract and goldenrod support healthy drainage and filtration capabilities of the kidneys for enhanced detoxification.*

Fu Ling and Zhu Ling: Fu Ling is a fungus that grows around the roots of pine trees. It has been found to support kidney tissue integrity. Zhu Ling is an edible mushroom species and has been shown to support healthy kidney function by influencing normal genetic expression.*

Astragaloside IV: Astragaloside IV is a phytochemical derived from Astragalus that offers a vast array of benefits from protecting delicate kidney tissue as well as supporting the KLOTTHO pathway, which is critical for longevity.*

Ferulic Acid: This phytochemical is found in fruits and vegetables and helps fortify the body's natural antioxidant defenses and supports healthy inflammatory response and autophagy.*

He Shou Wu (Polygonum multiflorum): A traditional Chinese is a Chinese herb with a rich history of use in supporting healthy kidney function and is a tonifying component of the formula.*



MICROB-MANAGER PARA-MAX™

Microb-Manager Para-Max™ is a broad-spectrum antimicrobial formula designed to support the body's natural defenses against bacteria, viruses, fungi, and parasites. It combines botanicals and natural compounds with immune and detoxification support, enhanced by Quicksilver's Self Micro-Emulsifying Multiple Delivery System (SMEEDS) for superior absorption and bioavailability.

IN THIS FORMULA

Artemisinin: Has demonstrated antiviral and antiparasitic properties, helping to inhibit viral replication, disrupt parasites, and promote healthy immune signaling.

Molybdenum: An essential trace mineral that supports detoxification pathways and aids in the processing of sulfites in the body.

Propolis: An extract provides antiviral, antifungal, and antibacterial activity while also reducing inflammation and modulating immune function.

Clove bud oil: A potent antimicrobial and antiparasitic compound traditionally used to target gut pathogens and parasites.

Cinnamon bark oil: Delivers antifungal, antiparasitic, and antibacterial benefits, while also helping to disrupt microbial biofilms and support gut balance.

Lemongrass oil: Offers antiviral and antifungal support that promotes microbial balance and a healthy inflammatory response.

Olive leaf extract: Exerts antiparasitic and antimicrobial effects and helps modulate immune responses during microbial overgrowth.

Oregano oil: A broad-spectrum antibacterial and antifungal agent that supports gut microbial balance and is especially helpful for managing candida.

Thyme oil: Provides antiviral, antifungal, and antibacterial activity to strengthen immune resilience and microbiome diversity.

Turmeric: Oleoresin combines antiparasitic, antiviral, and anti-inflammatory properties, helping to regulate inflammatory cytokines and maintain immune balance.

Garlic oil: Contributes wide-ranging antimicrobial and antiparasitic effects that support gut health and overall immune defense.



ULTRA BINDER® CAPSULES

Ultra Binder® is a broad-spectrum binder blend designed to “catch” toxins in the GI tract and safely escort them out of the body. Because no single binder can address all toxin types, this formula combines multiple binding agents to support a more complete and effective detox process.*

IN THIS FORMULA:

Activated Charcoal: Shown to support the removal of metals, endotoxin, plant toxins, gasses, and vapors, among other substances.

Bentonite Clay: A broad-spectrum microbial binder shown to catch mold toxins, heavy metals, microbes, and various chemicals.

Chitosan: A polyfunctional compound that has been shown to support the binding of metals and microbes. It also supports friendly flora such as bifidobacteria and lactobacilli.

Zeolite: The unique molecular structure of zeolite makes it a powerful “cation exchanger,” or a substance capable of binding small molecules, including toxins such as heavy metals and organophosphate pesticides.

Intestinal Metals Detox (IMD®): Quicksilver's proprietary thiol-functionalized silica product delivers insoluble thiol groups to bind and help eliminate mercury and other heavy metals.

Aloe Vera Leaf and Fibre Gum: Aloe vera is a soothing prebiotic supporting healthy gastric flora. It also supports bowel regularity. Fiber Gum™ is a soluble fiber that supports beneficial gut bacteria and GI motility and function.



HISTA-AID®

Hista-Aid® is a nanoformulated blend of vitamin C, quercetin, luteolin, and diindolylmethane (DIM) designed to support healthy immune function and maintain balanced histamine levels.

IN THIS FORMULA:

Quercetin: A natural flavonoid that helps stabilize mast cells and reduce histamine release. It also modulates inflammatory pathways by influencing NF-κB, COX, LOX, and cytokine activity, and can inhibit IgE antibodies linked to allergic responses.

Luteolin: Another flavonoid that powerfully inhibits mast cell degranulation and histamine release, while reducing mucus production and vascular permeability. It further suppresses inflammatory molecules such as TNF, nitric oxide, and interleukins, and acts as both an antioxidant and an anti-inflammatory by scavenging free radicals and enhancing IL-10 activity.

Vitamin C: Functions as a broad-acting antihistamine and antioxidant. It lowers histamine levels in the body, supports production of diamine oxidase (DAO)—the enzyme responsible for breaking down histamine from foods—and protects against oxidative stress that can worsen allergic and asthmatic conditions.

Diindolylmethane (DIM): Activates Nrf2, the body's "master antioxidant switch," turning on over 200 genes involved in detoxification and cellular defense. By supporting antioxidant and anti-inflammatory pathways, DIM contributes to a more balanced histamine response while also promoting healthy hormone metabolism.



IMMUNE CHARGE+®

Immune Charge+® is a nanoformulated blend of vitamins C, A, D, E, K1, K2, and elderberry designed to deliver broad-spectrum immune support. This comprehensive formula strengthens barrier defenses, modulates inflammation, enhances antioxidant protection, and provides targeted antiviral and antibacterial activity. By combining essential fat- and water-soluble vitamins with elderberry's flavonoid-rich immune activity, Immune Charge+® supports both acute immune challenges and daily immune resilience.

IN THIS FORMULA

Vitamin C: Supports barrier integrity of the skin, lungs, and gut, helps protect cells from oxidative stress, may reduce histamine and inflammation, and can help boost antiviral responses by enhancing interferon production, phagocytosis, and T cell function.

Vitamin A: Maintains epithelial barriers in the lungs and gut, may improve resistance to viral infections, supports antibody responses, and may regulate immune balance by activating immune cells when needed while reducing excess inflammation.

Vitamin D: Modulates innate and adaptive immunity, supports production of the antiviral peptide cathelicidin in the lungs, helps protect respiratory tissues from inflammatory damage.

Vitamin E: Acts as a fat-soluble antioxidant protecting cell membranes from oxidative injury. It enhances immune strength by helping stimulate white blood cell proliferation, immunoglobulin levels, antibody activity, and natural killer cell function.

Vitamin K1: Helps regulate inflammation by inhibiting the NF-κB pathway, while Vitamin K2 modulates immune responses to aid prevention of overactivation and help maintain balanced inflammation. Together, they synergize with vitamins A, D, and E for stronger immune defense.

Elderberry (Sambucus nigra): Helps provide immune support. It also may inhibit bacterial growth, modulate immune activity, supports gut health, and helps protect against cytokine-driven inflammation with its antioxidant anthocyanins. It also may inhibit bacterial growth, reduce symptom duration and severity in colds, supports gut health, and helps protect against cytokine-driven inflammation with its antioxidant anthocyanins.



QUINTON® ISOTONIC LITER

Quinton® Isotonic is a raw marine plasma solution containing up to 78 essential minerals and rare trace elements in a naturally balanced isotonic concentration. Harvested from plankton-rich ocean blooms and cold-filtered to preserve bioactive compounds, this formula is designed to support hydration, mineralization, immune balance, extracellular matrix function, and the parasympathetic “rest, digest, repair, and regenerate” response.

INGREDIENTS & FUNCTIONS

Sodium: Helps maintain proper osmolarity and fluid balance, supporting hydration and cellular communication.

Magnesium: Plays a vital role in energy production, neuromuscular function, and over 300 enzymatic reactions, helping to regulate mood, recovery, and cardiovascular health.

Calcium: Supports nerve conduction, muscle contraction, and bone health while also playing a role in intracellular signaling.

Potassium: Maintains electrolyte balance, supports healthy blood pressure, and contributes to nerve and muscle function.

Zinc: Supports immune function, wound healing, and skin integrity while also serving as a cofactor for numerous enzymes.

Iron: Contributes to hemoglobin synthesis and oxygen transport while also supporting cellular energy production.

Manganese, copper, selenium, chromium, and other trace elements provide essential cofactor support for antioxidant enzymes, detoxification pathways, glucose metabolism, and connective tissue integrity.



CLEAR WAY COFACTORS®

Clear Way Cofactors® is a proprietary blend of botanical antioxidants, R-Lipoic Acid (RLA), B vitamins, selenium, and nattokinase formulated to support heavy metal detoxification pathways. By combining polyphenolic compounds that activate intracellular detox, enzymes that break down biofilms, and nutrients that strengthen antioxidant systems, this formula helps alleviate the body burden of toxins while protecting cells from oxidative stress.

IN THIS FORMULA:

Haritaki: A traditional Ayurvedic fruit revered as the “King of Medicines,” supporting antioxidant and detoxification pathways in the liver and kidneys while protecting cell membranes from oxidative damage.

Pine Bark Extract: Rich in proanthocyanidins, which scavenge free radicals and boost glutathione levels to enhance antioxidant protection.

Pomegranate extract: Supplies ellagic acid and polyphenols such as punicalin and punicalagin, which activate the Nrf2 pathway, support gut barrier integrity, and increase antioxidant enzyme activity to protect lipids and membranes from oxidative damage.

Gotu kola and Bacopa extract: Help provide neuroprotective support, helping stabilize nerve cells and defend the nervous system against toxins like methylmercury and bacterial LPS.

Dandelion root extract: Supports liver health by increasing bile flow, initiating diuresis for toxin elimination, and activating Nrf2 antioxidant pathways while reducing inflammatory stress.

Nattokinase: An enzyme from fermented soy, has fibrinolytic properties that help break down biofilms, improving microbial clearance and enhancing detoxification capacity.

R-Lipoic Acid: A highly bioavailable antioxidant that regenerates vitamins C and E, boosts intracellular glutathione, and helps reduce the body burden of heavy metals while supporting mitochondrial energy production.

Vitamin B1: Supports antioxidant defenses through the pentose phosphate pathway and helps counteract heavy metal-induced thiamine deficiency to restore detoxification activity.

Vitamin B5: Supports ATP production, promotes glutathione synthesis, and provides hepatoprotective antioxidant effects.

Vitamin B6: Helps regulate homocysteine by redistributing glutathione, reduces oxidative stress, and may bind or block intestinal absorption of lead.

Selenium: An essential cofactor for glutathione peroxidase, protecting cells against peroxide damage. It also plays a role in mitigating mercury toxicity by blocking mercury's harmful binding to antioxidant systems



OPTIONAL PRODUCTS

BPC-157 + KPV COMBO

Oral Liposomal BPC-157 + KPV delivers a powerful pairing of regenerative and inflammatory-modulating peptides—BPC-157, a 15-amino acid compound derived from the protective BPC protein in the human gut, and KPV, a naturally occurring tripeptide known for its potent anti-inflammatory and anti-microbial properties. Formulated with Quicksilver Scientific's advanced liposomal delivery system, this complex offers enhanced bioavailability and absorption to promote gastrointestinal healing and repair, immune regulation, tissue support, and pathology-based recovery.



CAT'S CLAW V-MAX

Cat's Claw V-Max is a targeted blend of botanicals and nutrients designed to support the body's natural defenses against microbial stressors and facilitate a resilient immune response. Vitamin D3, liquid Cat's Claw extract, lemon balm, olive leaf, propolis, monolaurin, and lemongrass oil help inhibit pathogen adherence, making the body less hospitable to these common stressors.

Pathogenic challenges, whether acute, latent, or ongoing, represent some of the most difficult cases to contend with in practice. Their ability to adapt and survive under multiple conditions requires an advanced and diverse approach. Cat's Claw V-Max is a specially curated immune formulation combining well-researched nutrients and compounds to address such complex cases.



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Quicksilver Scientific® is a leading manufacturer of advanced dietary supplement formulations with a focus on detoxification. Our proprietary liposomal delivery technology supports the bioavailability of ingredients and unsurpassed absorption for health optimization.

At Quicksilver Scientific®, we are passionate about health and well-being and are committed to improving the lives of everyone we touch.



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