



PEPTIDE:

## 5 AMINO 1 MQ (ENERGY + MITOCHONDRIAL SUPPORT)



### ATHLETICISM

Stops age-related muscle wasting, increases stem cell activation in muscles following an injury and improves contractility by 70%.



### WEIGHT LOSS

5-amino-1-MQ turns off the NNMT fat-storing pathway and helps shrink fat cells and deposits. It reduces risks of diabetes, atherosclerosis, kidney, liver, and cardiovascular disease by lowering cholesterol by 30% after 16 weeks.



### INSULIN SENSITIVITY

5-amino-1-MQ works on the GLUT4 pathways for glucose metabolism with insulin resistance especially when combined with exercise.



### ENERGY AND LONGEVITY RECHARGE

Activates the SIRT1 pathway for recharged AMPk and NAD<sup>+</sup> production. Increases cellular metabolism and metabolic rate. Turns off cancer pathways for greater longevity.



### DOSAGE

1 pill daily per week for 1 week; 2 pills daily for one week; 3 pills daily until gone.



PEPTIDE:

## ANIRACETAM (INNER GENIUS SUPPORT)



### CREATIVE OUTPUT

Increases cognitive function, and memory, and improves sleep patterns. Aniracetam boosts energy, enhances mood via serotonin, and stimulates acetylcholine for learning.



### NEURO-PLASTICITY

Aniracetam improved mild to moderate cognitive decline in elderly adults through improved electrical signaling in the hippocampus of the brain.



### HAPPY ENERGY

Everyone is happier with an optimized brain and aniracetam has been shown in both human and animal studies to facilitate dopamine and serotonin interactions while increasing ATP.



### DOSAGE

Take 1 AM capsule 3-4 times per week, with Choline.



PEPTIDE:

AOD 9604 (SUPPORTS YOUR IDEAL WEIGHT, PAIN AND REGENERATION)



## LOSE WEIGHT, FEEL YOUNG

AOD 9604 stands for "Anti-Obesity Drug" and works on the Growth Hormone pathway to remind your body to burn fat like you did when you were a kid. Early studies show that this peptide tripled weight loss when compared to a placebo in 300 obese individuals.



## HEALTHY HEART

AOD 9604 enhances cardiac protection through the beta-3-adrenergic receptor pathways. Improves cardiovascular function, endurance, and sleep.



## PAIN-FREE JOINTS

Research shows that AOD 9604 injected directly into joints may aid in the regeneration of osteoarthritic joints and may help improve stem cell proliferation when used with perinatal tissue.



## DOSAGE

SUB Q injections - .20 ml's to .30 ml's, or as prescribed. Or apply directly to stubborn adipose deposits.



PEPTIDE:

## ABP-7 (SUPPORTS IMMUNE RESET)



### IT'S LIKE TAKING 2 PEPTIDES

Two hallmark thymulin peptides are thymosin alpha 1 and thymosin beta 4. ABP-7 has similar benefits to both peptides. Not only does it help with angiogenesis (new healthy blood supply) for speedy exercise and injury recovery, but it also harmonizes your ever-important T cells.



### SHORT-LIVED LONG-HAUL

ABP-7 thymulin harmonizes your immune, endocrine, and central nervous system for fast recovery from COVID and other longer infections like Lyme, mold, or EBV.



### FROM FALLOUT TO FALL IN

ABP-7 restores balance in a cytokine storm, it also calms autoimmune markers IL-6 and TNF-a for a redistribution of specialized immune cells that can now spend less energy on attacking you and more on egregious invaders and can be used to reverse the aged immune system.



### DOSAGE

SUB Q injections - .20 ml's to .30 ml's, or as prescribed.



PEPTIDE:

## ARA 290 (SUPPORTS PAIN AND REGENERATION)



### ANALGESIC

ARA 290 decreases inflammation by turning off cytokines IL-6, IL-12, and TNF-alpha which improves wound healing and tissue repair. Reduces blood pressure, blood glucose, and autoimmunity.



### REPAIRS & NERVE PAIN

ARA 290 stimulates blood vessel growth, stabilizes blood pressure, calms nerves, and reduces pain. Neuropathic pain thresholds are improved with ARA 290's impact on the small nerve fibers.



### SUMMIT FASTER

ARA290 is my go-to peptide for an extraordinary cardiovascular performance when I'm summiting one of Utah's peaks or when I'm peddling up puke hill to access the Wasatch Crest trail on my mountain bike.



### GOODBYE ANEMIA

This peptide works on the EPO pathway which stimulates better delivery of oxygen and red blood cells to the tissues which can support anemic conditions. It's also been found effective for patients who have Sarcoidosis related nerve pain.



### DOSAGE

SUB Q injections - .20 ml's to .30 ml's, or as prescribed.





PEPTIDE:

**BPC-157 (SUPPORTS GUT RESTORATION, AND PAIN AND REGENERATION)**

## WOLVERINE-LIKE HEALING

For the gravity induced injuries that you may sustain, BPC157 is a lifesaver. Especially when you combine it with Thymosin beta 4, and some stem cell rejuvenation treatments, you can't help but feel like Wolverine.



## BPC-157 (BODY PROTECTIVE COMPLEX)

First isolated from human gastric juices and has been shown to be protective of gut barriers, combats inflammation, and resolves IBS.



## HEALS BARRIERS

BPC-157 stimulates nitric oxide for new vessel growth. It regulates the gut/brain axis via the vagus nerve and stimulates hormone production in the gut. Helps reset the circadian cycles in the body.



## TREATS OVERUSE OF MEDICATION

BPC-157 reduces the damage caused by long-term use of NSAIDS that leads to gastric bleeding.



## DOSAGE

Oral capsules as prescribed, or daily SUB Q injection - .20 ml's to .30 ml's, or as prescribed.



PEPTIDE:

CJC 1295 (SUPPORTS LEAN MUSCLE + ENDURANCE AND IMMUNE RESET)



## YOUNGEVITY

CJC 1295 is a supercharger for muscle building and accelerates recovery by inducing delta sleep waves and resetting your circadian rhythms.



## ENERGY FACTORY

It's not uncommon to feel a surge of energy after injecting CJC 1295, some refer to this as a flushing feeling. I like to think of it as my get up and go is ready to go.



## INTELLIGENT IMMUNITY

declining growth hormone leads to an involuted thymus gland and immunity decline. CJC 1295 recharges your immune cells' intelligence by providing an increase in natural growth hormone. Along with Ipamorelin, it becomes a supercharger that yields 7x greater growth hormone release.



## DOSAGE

SUB Q injections 5 days on 2 days off - .20 ml's to .30 ml's, or as prescribed.

*Warning: This peptide induces a mild to strong flushing sensation.*



PEPTIDE:

## DIHEXA (SUPPORTS COGNITIVE RECLAMATION)



### PROTECT YOUR BRAIN

DIHEXA restores self-inflicted brain damage by improving neurogenesis, activating stem cells, and removal of the toxic wasteland that has been holding your genius back.



### BOOSTS YOUR MEMORY (FOR GOOD)

DIHEXA repairs synaptic connectivity through the formation of new functional synapses that improve spatial memory, and new brain connections, and increases acetylcholine.



### HEARING LOSS, ALZHEIMER'S, AND PARKINSON'S PROTECTION

DIHEXA remits blood flow to the brain resulting in a decrease of beta-amyloid plaque and brain inflammation even if you are genetically predisposed.



### DOSAGE

Take 1 capsule daily or apply directly on carotid artery.





PEPTIDE:

## EPITALON (SUPPORTS HPA STRESS RESET)



### HPA AXIS RESET

Activates telomerase activity for longevity, and interacts with CD5 for immune stem cell differentiation. Fruit flies and rats given Epitalon had a 52% decrease in mortality.



### SLEEP, LIPIDS, AND CHOLESTEROL

Epitalon balances circadian rhythms and blood lipids by activating the pCREB and the alkylamine-n-acetyltransferase pathways responsible for melatonin production.



### MUSCLE AND SKIN RECOVERY

Epitalon targets the protein synthesis gene for better protein production and decreasing inflammation by enhancing the MMP2 pathway.



### DOSAGE

Sub Q injections of .50 ml's daily until gone.



PEPTIDE:

**GONADARELIN + KISSPEPTIN (SUPPORTS SEXUAL REJUVENATION, AND SKIN HEALTH)**



## VITALITY

Both Kisspeptin and Gonadorelin release FSH and LH so that you can naturally improve hormone levels while fine-tuning testosterone specifically.



## FERTILITY QUOTIENT

Gonadorelin and Kisspeptin are not to miss peptides that have robust properties to not only enhance your passionate drive but also increase fertility and regulate menstrual irregularities.



## BRINGS ON THE GOOD MOODS

No one wants to make love with a grump. Both Kisspeptin and Gonadorelin foster enhanced limbic activity in the brain, increased reward-seeking behavior, and improved overall mood.



## DOSAGE

SUB Q injection 2-7 times per week - .20 ml's to .30 ml's, or as prescribed.



PEPTIDE:

## GHK-CU (SUPPORTS PAIN AND REGENERATION)



### GENETIC SWEEPING

GHK is a bioregulator that cleans up genetic signaling and research shows it mobilizes stem cells into damaged tissue. Improves skin elasticity and aids in new tissue formation.



### COLLAGEN

GHK is a peptide molecule that has been shown to stimulate the synthesis of collagen, glycosaminoglycans (fancy word for sugars that help keep our skin hydrated), and a protein called decorin which is a sure-fire way to keep your skin looking healthy and youthful.



### HAIR RESTORATION

Hair getting thinner or maybe you've just had stem cell injections and want to maximize growth- GHK-Cu is your solution. This peptide has been shown to stimulate the production of growth factors that promote the proliferation of hair follicle stem cells, which can lead to increased hair growth and thickness. In addition, GHK-Cu has been shown to have anti-inflammatory effects, which can help to reduce scalp inflammation and support a healthy hair growth environment.



### DOSAGE

SUB Q Injections - .20 ml's to .30 ml's or as prescribed. Use the Vitali Cream topically or the GHK-Cu Foam on your hair follicles.



PEPTIDE:

IGF-1 / LR3 (SUPPORTS ENERGY + MITOCHONDRIA RECHARGE)



## MUSCLE RECHARGE

IGF-1/LR3 increases the myostatin pathway for muscle growth and recovery. It protects muscle cells and increases proprioception. IGF-1/LR3 is an exercise Memetic that activates the MyoD protein which is triggered by exercise or damaged tissue responsible for hypertrophy.



## NOOTROPIC AND LONGEVITY

IGF1 is the key that unlocks BDNF for neuroplasticity. IGF-1/LR3 prevents kidney and liver disease and wards off dementia. IGF-1/LV3 controls inflammation and turns off autoimmunity.



## DOSAGE

SUB Q injection 5 days on 2 days off - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

**IPAMORELIN (SUPPORTS LEAN MUSCLE + ENDURANCE, AND IMMUNE RESET)**



## HUNGER CONTROL

Building muscle is a centerpiece of Ipamorelin through the growth hormone pathway which also increases hunger. Ipamorelin tames the hunger and jumps up the growth hormone by turning off somatostatin for a 7x greater release.



## BONE HEALTH AND OSTEOPOROSIS

Research is showing that Ipamorelin increased bone metabolism and improved bone geometry which might help in osteoporosis. The substantial increase of bone remodeling achieved with GH may be helpful during late post-menopause with decreased bone turnover and impaired osteoblastic function.



## OVERUSE OF MEDICATIONS

Ipamorelin helps combat the side effects of glucocorticoids for pain conditions and bisphosphonates that treat osteoporosis.



## DOSAGE

SUB Q Injections 5 days on 2 days off - 0.20 ml's to 0.30 ml's, or as prescribed.





PEPTIDE:

KPV (SUPPORTS IMMUNE RESET AND GUT RECHARGE)



## LEAKY GUT SOLUTION

KPV repairs the intestinal lining and alleviates intestinal inflammation. In one study in mice induced with colitis the mice with KPV added to water had a remission of the disease vs. the control group that had no improvements - if your mouse gets colitis, KPV is the way to go.



## HEALING ENERGY

KPV works on a pathway in Chinese Medicine known as the Wei Qi, or the Protective Force, which is an invisible energy field circulating on the outside of your skin. I think that the Wei Qi pathway is the alpha-melanocyte-stimulating hormone, which modulates skin pigmentation and immunity.



## FEVER REDUCTION

KPV cools the inflammatory fire in feverish conditions via the MSH-alpha pathways.



## DOSAGE

Oral ingestion or SUB Q injections - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

## LL37 (SUPPORTS GUT RECHARGE)



### LL37

LL37 is naturally secreted in humans only as a response to infections and is one of the body's most advanced anti-microbial, anti-viral, anti-bacterial, anti-fungal, and anti-inflammatory peptides. It might be the most promising replacement for antibiotics because of its ability to select pathogenic from friendly microbes.



### LEAKY GUT

LL37 downregulates TL4 and increases IL-18 to decrease inflammation, repairs leaky gut by binding on lipopolysaccharides (LPS) to stop bacterial translocation and repairs compromised barriers.



### SIBO AND BIOFILMS

Useful for IBS or any acute or chronic infections. Breaks down biofilms in SIBO, mold, and Lyme disease, and corrects inflammatory conditions of the intestines.



### DOSAGE

SUB Q Injections - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

## MELANOTAN 2 (SUPPORTS SEXUAL REJUVENATION)



### AROUSAL ACTIVATOR

Beyond getting darker skin pigmentation, Melanotan 2 increases sexual arousal, promotes reproductive area blood flow, and binds to genes that regulate hormones.



### STIMULATION WITH IMPULSE CONTROL

Melanotan 2 increases sexual arousal while also improving impulse control with alcohol and eating.



### BONUS TERRITORY

Melanotan 2 helps stabilize blood sugar, improves satiety, and also aids in alertness.



### DOSAGE

SUB Q injections 2 to 7 times per week - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

## METHYLANE BLUE

Methylene blue is a compound that has been studied for its potential benefits on mitochondrial function and longevity.

Several studies have investigated the potential benefits of methylene blue for longevity. For example, in a study published in the journal *Aging Cell* in 2019, researchers found that treatment with methylene blue increased the lifespan of fruit flies by up to 40%. The researchers suggested that methylene blue may act on several different pathways that are involved in aging, including mitochondrial function, oxidative stress, and inflammation.

Other studies have investigated the potential benefits of methylene blue for cognitive function. For example, a study published in the journal *Nature* in 2018 found that methylene blue improved cognitive function and memory in both healthy young adults and older adults with mild cognitive impairment.

Methylene blue has been shown to interact with a variety of molecules, including NAD<sup>+</sup> and SS31, in ways that may have potential therapeutic benefits. Here's some information on each of these molecules:

1. **NAD<sup>+</sup>** (nicotinamide adenine dinucleotide) is a molecule that plays a critical role in cellular metabolism, particularly in the production of ATP through mitochondrial respiration. Methylene blue has been shown to increase NAD<sup>+</sup> levels in cells, which can improve mitochondrial function and increase energy production. In addition, methylene blue has been shown to improve the efficacy of NAD<sup>+</sup> precursors, such as nicotinamide riboside, which are used to increase NAD<sup>+</sup> levels.
2. **SS31** is a mitochondria-targeted peptide that has been shown to have antioxidant properties and improve mitochondrial function. When combined with methylene blue, SS31 has been shown to enhance the beneficial effects of methylene blue on mitochondrial function and energy production, as well as to protect against oxidative stress and inflammation.



PEPTIDE:

**MOTS-C (SUPPORTS ENERGY + MITOCHONDRIA RECHARGE)**



## 10X EXERCISE CAPACITY

Your MOTS-c peptide triggers longevity, metabolism, and insulin sensitivity while increasing brown fat activation. MOTS-c activates heat shock proteins for muscle recovery through the AMPk energy-building pathway.



## GOODBYE OSTEOPOROSIS

MOTS-c activates type 1 collagen metabolism in bones by regulating the TGF-beta pathway for osteoblast stem cells which give way to gorgeous bone mineral density.



## AGE REVERSAL MEDICINE

MOTS-c is more expressed in Japanese populations that live longer. It has also been shown that patients with heart disease have lower levels of MOTS-c and more endothelial cell damage. MOTS-c lowers cardiac inflammation and improves epicardial vessel function.



## DOSAGE

Sub Q injections at .20 ml to .30 ml daily as prescribed.





PEPTIDE:

## NOOPEPT (SUPPORTS INNER GENIUS)



### SUPERCARGED BRAIN

Studies support Noopept's ability to enhance memory, learning, and thinking ability by increased alpha- and beta-rhythms.



### ELECTRIC BRAIN

Noopept amplifies neurotransmission signaling between the brain cells for creativity, faster learning, and increased retention.



### FASTER FOCUS

Reduced fatigue, anxiety, and increased exploratory patterns in the brain. Reduces stress and prevents cognitive decline. Lowers inflammation and protects against plaque build-up in the brain.



### DOSAGE

Take 1 AM capsule 3 to 4 times per week.



PEPTIDE:

## PT-141 (SUPPORTS SEXUAL REJUVENATION)



### GET THAT SEXUAL FEELING

PT-141 (bremelanotide) bypasses insecurities and builds up desire by acting on the central nervous system via the melanocortin receptors.



### FEMALE AND MALE ENJOYMENT

PT-141 helps erase hyperarousal disorders in women and even improved sexual function in men with ED than Viagra (sildenafil) so get your date night planned.



### PT-141

Studies show PT-141 to have immune-protecting properties, lowers inflammation, and it even aids in fat metabolism.



### DOSAGE

Nasal Spray or SUB Q injection 30 mins prior to sexy times.



PEPTIDE:

## RG3 SYNAPSIN (SUPPORTS HPA STRESS RESET)



RG3

(Ginsenganooids, Methylcobalamine, Nicotinamide Riboside)



### HPA AXIS RESET

Neuroprotective, enhances memory and learning and decreases inflammation. Protects against mold exposures, chemical, and emotional stressors.



### LONGEVITY

Increases sirtuin pathways via NAD<sup>+</sup> for improved cardiovascular health, DNA expression, endurance, and cognitive function.



### DOSAGE

Nasal spray used 1 to 3 times daily as needed.



PEPTIDE:

## SARCOTROPIN (SUPPORTS LEAN MUSCLE + ENDURANCE)



### REVERSAL OF SARCOPENIA

Sarcopenia is the leading cause of aging and triggers muscle loss and fat accumulation. It occurs when blood vessels get brittle stopping nutrients from nourishing your body. In clinical studies, Sarcotropin has been shown to increase IGF-1 by 15%, lean muscle mass by 9% and reduce adipose (fat) tissue by 5% after just 90 days of use.



### BRAINS WITH THE BRAWN

Sarcotropin's unique properties of GHRP's (growth hormone releasing peptide), solid amino acid stack, vitamins D3 and K2, and nootropics provides world-class, science-based age reversal medicine that also reduces sarcopenia and keeps your blood vessels squeaky clean.



### DOSAGE

Oral 4 ML dose while fasting.



PEPTIDE:

**SELANK (SUPPORTS HPA STRESS RESET AND COGNITIVE RECLAMATION)**



### GOOD MOOD

Selank calms your amygdala freak-out zone, by breaking down enkephalins that express fear, anxiety, and aggressiveness... as a bonus, it gently binds on opiate receptors to blunt pain.



### GABA-TIZED

Selank's shortcut to quell your anxiety occurs by activating 52 of the 84 genes that are responsible for GABA, making it a natural "Chill-You-Out-Benzo" that type A's dream about.



### YOUTHFUL SPARK

Imagine having your brain's youthful spark restored. Selank might be the fastest way to get there with a 30% increase in BDNF which improves both short/long-term memory.



### BRAIN ON FIRE TO FIRE BRAIN

Selank has been shown to lower TNF-a, IL-6, and other pro-inflammatory cytokines by shifting T cells from Th1/TH17 to Treg which are also fancy molecules that prevent infections.



### DOSAGE

Morning nasal spray daily, or as prescribed.





PEPTIDE:

## SEMAGLUTIDE (SUPPORTS YOUR BEST WEIGHT)



### WEIGHT LOSS SUPERSTAR

Study participants on average lost 15% of their total body weight or approximately 30 pounds.



### BLOOD SUGAR/DIABETES

Lowers HbA1c, protects beta cells in the pancreas for improved insulin sensitivity, decreases appetite by delaying gastric emptying, and enhances feelings of satiety. Aids in the reversal of Type 2 diabetes but not safe for Type 1 diabetics.



### CARDIO-PROTECTIVE

Improves heart rate and blood pressure. Repairs damaged cardiac tissue following an event. Increases left ventricle performance and reduce systemic vascular resistance.



### BRAIN ENHANCEMENT

Removes beta-amyloid plaque in the brain associated with Alzheimer's disease, and has been shown to improve learning and memory with increased protection of the neurons in the brain.



### DOSAGE

Weekly SUB Q injections - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

**SEMAX (SUPPORTS COGNITIVE RECLAMATION)**



### BDNF

Restores brain tissue damage from TBIs, stroke, cognitive impairment, and dementia, and calms inflammation of the optic nerve so that you make your coordination and inner athlete great again.



### SEROTONIN AND DOPAMINE RESET

Optimizes your brain's rest state for better focus, less depression, and faster learning so that you feel more attentive professionally, and socially, and finish what you start.



### SMART GENES

Stimulates the expression of 24 genes that improve your brain's circulation and energy production and enhance brain cell activity for an ideal nutritional supply for maximum productivity.



### DOSAGE

Morning nasal spray daily, or as prescribed.



PEPTIDE:

**SS-31**

SS31 is the superhero peptide for your mitochondria. Not only do you get an energy boost but when your mitochondria aren't working right, it can cause all sorts of problems like heart disease, Alzheimer's, and Parkinson's.

SS-31 is like a protective shield for your mitochondria, keeping them safe from damage caused by biotoxins. This can help your cells work better, reduce inflammation, and even help fix damaged tissue.

Clinical trials of SS-31 have been conducted in a variety of patient populations, including those with heart failure, acute kidney injury, and neurodegenerative diseases such as Parkinson's disease and Alzheimer's disease.

One notable clinical trial of SS-31 involved patients with acute myocardial infarction (AMI), or heart attack. In this trial, patients who received SS-31 in addition to standard therapy had a significantly lower incidence of major adverse cardiovascular events, such as death, heart failure, and recurrent MI, compared to those who received standard therapy alone. Studies have also shown that it lowers hypertension.



PEPTIDE:

## TESAMORELIN (SUPPORTS LEAN MUSCLE + ENDURANCE)



### LIVER HEALTH

Proteins are well established as building blocks for muscles and your liver is responsible for converting the proteins you eat into slabs of muscle. Tesamorelin has been shown to repair even the most damaged liver so you can rebuild the frame that you want in a shorter amount of time.



### BELLY FAT CONVERTER

Tesamorelin/Ipamorelin effectively turns your accumulation of mid-section overage into a defined masterpiece by working on your natural youthful growth hormone pathways.



### CARDIO-BRAIN RESET

Tesamorelin is a great way to lower non-optimal ranges of cholesterol and clean out your pipes with its inflammatory lowering and regenerative properties. This peptide also improves cognitive decline while you are putting on muscle and enjoying your favorite "Fitness 50 at age 100" challenges.



### DOSAGE

SUB Q Injections 5 out of 7 days - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

## TESOFENSINE (SUPPORTS YOUR IDEAL WEIGHT)



### HAPPY WEIGHT LOSS

Norepinephrine, dopamine, and serotonin reuptake inhibitors for better metabolism, impulse control, and happy weight loss. Norepinephrine stimulates fat metabolism, dopamine promotes satiety, and serotonin helps prevent overeating. Increases BDNF for learning and reduces depression.



### LOSE WEIGHT FOR GOOD

The effectiveness of Tesofinsine on appetite control remains even after participants no longer used this peptide, leading to favorable long-term eating patterns, not dependent on willpower.



### INSULIN RESISTANCE

Tesofinsine influences the uptake of glucose which leads to lower fat deposition.



### DOSAGE

1 capsule daily in the morning or as prescribed.





PEPTIDE:

THYMOGEN ALPHA 1 (TA1 FRAG) (SUPPORTS IMMUNE RESET)



## IMMUNE REINSTATED

Even though your T-cells decline, and your thymus gland shrinks with age, Thymogen Alpha-1 (a thymosin alpha-1 frag) brings them back to life no matter what chronic infection is in the way.



## REMODULATION

Fungal, viral, and bacterial infections can be subtle and devastating to your health, thymogen alpha-1 activates dendritic cells to release antigens that allow your immune system to ward off impending invaders without disturbing your delicate ecosystem.



## ODD CELLS OUT

Thymogen alpha 1 is part of your insurance policy against cancer cells by increasing CD-4 and CD-8 cells to stop tumor growth and can be used as adjunctive therapy with chemo and radiation.



## DOSAGE

1 - 2 capsules daily as prescribed.



PEPTIDE:

## THYMOSIN BETA 4 (SUPPORTS PAIN + REGENERATION)



### MUSCLE SORENESS

Alleviates delayed onset and post-workout muscle soreness through the VEGF pathway.



### STEM CELL RECRUITMENT

The thymosin beta 4 gene activates stem cells when tissues are damaged which improves cell migration, inflammation, and degeneration.



### BRAIN HEALTH

Thymosin beta 4 has neuroprotective properties and its immune properties decrease beta-amyloid plaques in Alzheimer's disease and increase neuronal autophagy.



### DOSAGE

Daily oral, topical, or SUB Q injections - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

## TIRZEPATIDE (GLP 1)



### IDEAL BODY COMPOSITION

When compared to Semaglutide, participants who received Tirzepatide had a greater overall reduction in weight with fewer issues with nausea and gastric distress.



### DYSGLYCEMIA

When compared to Semaglutide, Tirzepatide had a slightly better ability in lowering HbA1c which helps protect beta cells in the pancreas for improved insulin sensitivity.



### BRAIN ENHANCEMENT FROM GLP-1 AGONISTS

GLP-1 agonists like Tirzepatide are cardio-protective and participants see a lowering of blood lipid levels and blood pressure.

Brain Enhancement from GLP-1 agonists removes beta-amyloid plaque in the brain associated with Alzheimer's disease, has been shown to improve learning and memory with increased protection of the neurons in the brain.



### DOSAGE

Weekly SUB Q injections - 0.20 ml's to 0.30 ml's, or as prescribed.



PEPTIDE:

## VIP (SUPPORTS GUT RECHARGE)



### VASOACTIVE INTESTINAL PEPTIDE

Relaxes the smooth muscle in the gut, lowers blood pressure, and aids the immune function with mold and Lyme exposure. Balances the parasympathetic nervous system.



### REMODELING

VIP is a neuromodulator, which is a fancy word to imply that it alters nerve activity in the brain.



### AUTOIMMUNITY AND ARTHRITIS

VIP also down-regulates autoimmunity by stabilizing the autonomic nervous system, and it regulates the inflammatory components of arthritis.



### DOSAGE

Daily nasal spray as prescribed.



Scan the QR code to learn about this  
and other peptides,

or visit  
[acueastwest.com/my-peptides](https://acueastwest.com/my-peptides)  
for more information.



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