



**Stemulite™**  
PEAK BODY PERFORMANCE™

## **Fitness Formula**

The all-natural solution to  
perform, feel and look better

Stemulite Fitness Formula is a high potency pharmaceutical grade formula promoting the ability to increase

<b>Muscle</b>	<b>Strength</b>	<b>Endurance</b>	<b>Energy</b>	<b>REM Sleep</b>	<b>Recovery Speed</b>
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[StemuliteFitnessFormula.com](http://StemuliteFitnessFormula.com)

## The Science of Maximum Bioavailability

Stemulite is a high potency super-fitness compound, specifically designed to promote overall quality of life and Peak Body Performance. Stemulite supports the body with the best combination of fitness ingredients, created with a proprietary blend of natural bioenhancers to boost bioavailability and effectiveness. When combined with these natural bioenhancers, the superior quality ingredients in Stemulite work in concert to promote superlative results during exercise and recovery.

## Pro Athletes & the Importance of Stemulite

The Stemulite combination helps your body perform like a champion. It's all here. Mitochondrial energizers, free radical scavengers, amino acid stackers, immune regulators, stem cell recruiters, inflammatory down-regulators, rest and sleep enhancers, and a trace mineral that promotes mood elevation and HPA synchronizing of hormonal functions. After years of R&D, Stemulite achieves superior results with its Fitness Formula. The natural bioenhancers in Stemulite Fitness Formula are not easily manufactured into tablets. In fact, one key ingredient is patented for tablet use and only found in Stemulite products.

Read what the champions are saying about Stemulite at [StemuliteFitnessFormula.com](http://StemuliteFitnessFormula.com).



**Corey Simpson**  
*Mr. Florida, Muscle Mania  
Posing Champion*



**David Babic**  
*U.S. Olympic Ski Team*



**Cato June**  
*Linebacker, Tampa &  
Indianapolis*



**Cristi Cuellar**  
*2009 Ms. Bikini, International  
Mexico Elite Champion*

**Stemulite™**  
PEAK BODY PERFORMANCE™

**metabolic™**  
RESEARCH INC.

Metabolic Research, Inc. (MTBR) is a biotechnology company that produces and markets proprietary nutraceuticals. MTBR's primary mission is to support optimum quality of life with natural products promoting fitness and wellness. Affirming this commitment, MTBR provides all natural, non-synthetic dietary supplements that effectively support numerous body systems. Optimal results are achieved by truly embracing the unique, synergistic effects of each Stemulite ingredient.

For more information or to place an order, please visit [StemuliteFitnessFormula.com](http://StemuliteFitnessFormula.com).

The statements contained herein have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease. The consumer comments and experiences relayed herein may not be typical. Your experience may vary. Please visit [StemuliteFitnessFormula.com](http://StemuliteFitnessFormula.com) for more information.

## Recruit Stem Cells for Recovery & Growth

### INGREDIENTS

**Alpha Lipoic Acid (ALA)** is a powerful antioxidant that mimics insulin, enhances glucose utilization and amino acid transport, lowers blood sugar, and increases creatine uptake. ALA is essential to mitochondrial function to convert unusable forms of energy (sugar, protein, fat, amino acids, etc) into a usable chemical form known as ATP. ALA increases muscle uptake of glycogen, increasing muscle cell volume and contributing to that "pumped" feeling when working out.

**Acetyl L-carnitine**, an amino acid derivative, transports long-chain fatty acids across the inner membranes of the mitochondria where they are processed by beta-oxidation to produce biological energy in the form of ATP. Combined with ALA, the results are greater in reducing oxidative stress and cell damage.

**Beta Glucan** are natural gum polysaccharides (sugars). The beta glucan in Stemulite is a 1, 3-1, 6-beta glucan. It can be used as a potent recruiter and mobilizer of stem cells from bone marrow. When beta glucan activates CR3 receptors on stem cells, they are up-regulated to bind with certain growth factors. Stem cell recruitment and anti-inflammatory action by a beta glucan, ALA and acetyl L-carnitine combination may be able to drastically reduce injuries and recovery time. Beta glucan and ALA both participate in the processes of cell growth. The process may become accelerated much in the same manner as steroids, effecting muscle growth and inflammation.

**Serrapeptase** is a proteolytic polypeptide enzyme that flushes off waste protein, naturally easing minor pain and inflammation. As a preventative for athletes, it also supports the body's natural process for repairs.

**Quercetin** is a flavonoid and has antioxidant, anti-inflammatory, antiviral, and immunomodulatory protective activities. Quercetin adds synergy to the anti-inflammatory effects of ALA, serrapeptase, and beta glucan, reducing exercise recovery time.

**Eggplant Extract:** eggplant contains a powerful alkaloid which acts as an agonist on the acetylcholine (AChR) receptor. When activated it's the most effective stem cell and growth factor combination yet discovered. With the discovery of the adult stem cell found in the bone marrow of adults by Catherine Verfaillie at the University of Minnesota in 2002, it became obvious that stem cells carried great potential to accelerate the building of new muscle.

**Indium**, a trace mineral, appears to work via the HPA feedback loop complex and may increase metabolism, memory, and sex drive. The hypothalamus is the key to homeostasis and parasympathetic functions. The pituitary controls growth hormone release and the adrenals. The adrenals produce sterols such as adrenalin, epinephrine, and cortisol. These hormones down regulate the effects of inflammation as well as the perception of pain and fatigue.

**Melatonin** (night-time formula): this hormone helps set the timing of circadian rhythms (internal biological clock). Melatonin promotes REM sleep and circadian rhythms that regulates the metabolism.

**Mexican Yam Extract** (women's formula): as a supplement to exercise regimens, it has been shown to reduce the effects of fibroglandular tissue loss in the breast while increasing the effect on the loss of adipose fat in the abdomen, hips and thighs.