



## What is Synaptamine™ and how does it work?

**Addiction has a high heredity component, based on a reward deficiency trait that may be impacted by the environment. We believe that in order to change the continued epidemic of abuse of opiates/opioids or any other drug and non-drug addictive behavior, the La-Vita RDS patented aqua-nano liquid product, Synaptamine™, should be a first-line defense.**

LaVita Scientists, especially Dr. Kenneth Blum, their Chief Scientific Officer, have published many articles proposing that even initially during detoxification, Medically Assisted Treatments (MATs) should be substituted with the non-addicting and safe 'pro-dopamine' regulator – Synaptamine™. This statement is backed by extensive scientific peer reviewed published articles in prestigious journals. We now know that addiction or Reward Deficiency Syndrome (RDS) [now featured in *SAGE Encyclopedia of Abnormal Psychology 2016*] is a brain disorder and is due to genetic vulnerability in at least 100,000 million people in the America. Any treating clinician should embrace the concept that both initiation of substance seeking and continued abuse is due primarily to a hypo-dopaminergic trait (genetic) or environmentally induced state (epigenetic) or a combination of both.

So a major solution must address the low dopamine brain function early on in the recovery process especially when an individual seeks help, clinicians should promote the long-term balancing of dopamine function with the laudable goal of inducing "Dopamine Homeostasis" (regulation). There is continuing excitement concerning the consistent positive effects of Synaptamine™. Almost thirty published studies clearly show major anti-craving effects, enhanced well-being (stress reduction).

Synaptamine™ is not a drug rather it is a natural mixture of precursor amino-acids to neurotransmitters like serotonin, glutamine, and dopamine, inhibitors of the breakdown of brain endorphins and inhibitors of enzymes known to clear or breakdown dopamine in the synapse. Simply it has been found that Synaptamine™ has been shown to gently activate (light up) dopamine across the reward circuitry of the brain in abstinent heroin addicts. Studies have revealed that there is an increased recruitment of additional dopamine neurons firing in brain areas involved in reward processing with possible neuroplasticity even in the long-term.

The Synaptamine model, unlike other detoxification models that continue the addiction cycle, by administering either methadone or buprenorphine/naloxone during this critical detoxification period, definitely by-passes this unwanted therapy and starts the individual on a path of victory from the chains of addictive drugs. **So what is our secret?**

- 1) Understanding the mechanisms involved
- 2) Finding new ways to induce long-term dopamine homeostasis.

We achieve this by supplying the abstinent opiate addict with just the right amount of dopamine, which induces just the optimal amount of dopamine to be released from the neuron - without adding MATs like methadone or buprenorphine in any form, rather replacing it with Glutamnergic-Dopaminergic optimization (GDOC) as provided by Synaptamine™.

**Through continued additional research, along with fellow neuroscientists and clinicians, we may find new ways to further enhance an optimization of glutamnergic/ dopaminergic systems. With Synaptamine you can induce "dopamine homeostasis", redeem joy and restore hope!**

I have children who suffer with depression and/or anxiety. We have tried many medications over the years, but the effects were short term & the side effects were sometimes worse than the depression itself. After introducing my son to Synaptamine, he came to me one day and said "Mom, I can tell it is working because I am smiling all the time." My daughter's also added Synaptamine to what she was already doing and immediately noticed improvement with her anxiety. Thank you so much for this wonderful product! [Wendy A.]

As a mom of 5 kids and a wife of a recovering addict, saying I'm stressed would be an understatement. Since being on Synaptamine, my stress level has decreased and my energy level has really increased. It also has helped with my cravings for carbs and I even noticed weight loss with this product. I was looking for something natural with no side effects to come along because I didn't want to be on medication. My body never reacted well with anything the doctor prescribed. I am so happy I was introduced to Synaptamine! [C. Hendrix]

I am a 56 & in recovery from alcoholism. I agreed to start using Synaptamine on the urging of a friend. I began taking it daily and within the first week noticed that I was able to stay sharp in a demanding job without feeling overwhelmed or taxed. I happened to run out of the product over a weekend ... the way I felt after suddenly discontinuing its use only reinforced in my mind the great benefits I had been enjoying during my daily doses. I won't let that happen again as this has honestly given my recovery a boost that I'm not willing to be without. [Bill G.]