

NanoSphere receives patent for nanoparticle delivery of Cannabis

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Biotech leader now owns first and only cannabis nanoparticle delivery system in North America



NanoSphere Health Sciences has been awarded a breakthrough patent, granting the biotech innovator full ownership over the standardized delivery of cannabis into systemic circulation through phospholipid nanoparticle technology.

The United States Patent and Trademark Office has issued Patent, covering NanoSphere Health Sciences' cannabinoid drug delivery system.

The cannabinoid drug delivery system utilizes the research-proven NanoSphere Delivery System™, providing delivery of cannabinoids through a unique lipid nanoparticle structure with increased bioavailability and therapeutic activity.

NanoSphere's groundbreaking cannabinoid drug delivery system is Nano encapsulates cannabinoids in a protective membrane, transporting them rapidly and effectively to the bloodstream and cells for greater efficacy.

The company's products are currently on sale in Colorado under the Evolve Formulas brand, with sales in California, Arizona and additional states to commence later this year. Thus far, the brand has released its Transdermal NanoSerum™ products, which deliver cannabinoids through the skin into systemic circulation, offering rapid relief from pain, anxiety and inflammation.

The product pipeline for Evolve Formulas includes intranasal and intraoral applications of the technology. The broad nature of the patent ensures a high barrier for any competition to the company's delivery system.

As Evolve Formulas sales continue to increase in the Colorado market and with the company having already announced that its second quarter financials will report revenue, NanoSphere is poised for significant growth.

This patent compliments NanoSphere's previously issued patent, covering the core technology behind the production of the NanoSphere Delivery System™.

NanoSphere's patent portfolio now covers this cannabinoid drug delivery system and the formation and manufacturing of the NanoSphere Delivery System™ for the delivery of cannabinoids, pharmaceuticals, nutraceuticals, cosmeceuticals and other biological agents.

The company intends to license this patented cannabinoid delivery system, the NanoSphere Delivery System™ and proprietary manufacturing process to selected partners in its target industries to maximize commercialization.