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BIOLINEAR TECHNOLOGIES INC. PRESENTS:

The Cannabinoid Enhancement System (CES)

The most advanced, elegant and versatile system for Cannabinoid improvement.

The Patent Pending **Cannabinoid Enhancement System** allows the user to benefit from the augmentation of their cannabinoids at any stage of the process – from raw material in bulk to finished consumer goods.

STEP 1 - The System starts with a Patented solution of completely safe, GRAS certified and FDA approved components. This solution (The Vehicle) is legal to ship across any border as it contains no cannabinoids or other elements that would restrict its logistic movements. This is a key advantage to the System – the Vehicle can be shipped to you and is completely within your control/facility, start to finish.

STEP 2 - Simply add your cannabinoids (ie CBD/CBG/CBN isolates, distillates, broad or full spectrum, etc.) to the Vehicle and mix. A 200 litre drum of the Vehicle will dissolve 20kg of Cannabinoids, creating a 10% solution. The mixing process is simple and cost effective and required no specialized equipment.

- Molecular Cannabinoids. The industry leading, paradigm shifting result of the addition of your Cannabinoids to the Vehicle is the creation of Molecular Cannabinoids – individual Cannabinoids molecules perfectly dissolved into our patented solution. There is no smaller particle available anywhere on the market, and is a full order of magnitude smaller than Nano-Cannabinoids. Please see the attached Molecular Particle Size report indicating a pure peak at LESS than 1 nanometer! Results have been repeatedly validated by accredited laboratory facilities in both the US and Canada.

STEP 3 - Dilution. Yes, the Molecular Concentrate can be used in its original form, but it is likely that you will want to dilute it into more reasonable concentrations for many applications.

- If the Molecular Cannabinoid Concentrate is diluted in an oil/fat (ie hemp seed oil), it will remain Molecular CBD (less than 1 nanometer) and is shelf stable for 2+ years.
- Countless products can benefit from the Concentrate or the Fat Diluted Concentrate, yielding the most bioavailable form of Cannabinoid (Molecular, less than 1 nm) in your product line up available on the market today.
- If the Molecular Cannabinoid Concentrate is mixed with water instead of fat, the next line of off-takes from the **CES** is achieved – Nano, Water Soluble CBD.
- Simply adding the Molecular Cannabinoid to water will cause the immediate and spontaneous creation of lipid encapsulated Cannabinoid nano-droplets. No equipment required.
- The Industry Leading specifications of our Nano-Cannabinoid are as follows:
    - o Spontaneous emulsification into nano, water soluble Cannabinoid.
    - o Odourless, colourless.

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o Nano-Particle size = 10-20 nanometers.

- Significant not only due to incredibly small size (bioavailability) but also, 10-20 nanometers is below the typical 20nm threshold, below which true transdermal penetration is achieved.
- Please see attached Nano-Particle size report.

STEP 4 - Differentiate with the Best in Technology, Secure Greater Revenues and Deliver the absolute Best in Human Health. Do what you do best!

The **Cannabinoid Enhancement System** gives you the ultimate in flexibility for any and all of your current Cannabinoid products, drastically enhancing their efficacy and allowing your business to offer the most advanced products on the market. One elegant System that can be used in the BEST way - the way YOU want.

Sample Applications/Products:

Molecular Concentrate (pure molecular solution, particle size = less than 1 nm):
Upgrading Cannabinoid Isolates/Distillates/Broad and Full Spectrums, Bulk Molecular Cannabinoid Concentrate, Spray Dried into Powder, Molecular Tinctures, Gel Caps, Liquid Capsules, Edibles, Lotions and Topicals, Patches, Beverages, Food Additives, Consumer Packaged Goods, Etc.

Nano, Water Soluble (~14nm particle size, odourless, colourless):
Upgrading Cannabinoid Isolates/Distillates/Broad and Full Spectrums, Bulk Nano Water Soluble Cannabinoid, Spray Dried into Powder, Nano Tinctures, Gel Caps, Liquid Capsules, Edibles, Lotions and Topicals, Patches, Beverages, Food Additives, Consumer Packaged Goods, Etc.

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Cannabinoid Enhancement System (CES) – Super Charge your Business

Example #1 – The CBD Isolate Manufacturer

Numerous isolate manufactures around the country have produced many kilograms of CBD isolate but are now faced with a crashing market. Prices hover around +/- $1000/kg on the open market and most of these manufacturers have about that much into that kilogram of isolate. Not a very positive outlook.

Consider the value-add that the **CES** can bring to your business.

There are many Nano-CBD solutions on the market, each with varying pricing and specifications. Some have larger particle sizes, shorter shelf lives, are accomplished via undesirable methods, etc. Prices range from $7,500 to $35,000 per million mg, with the solutions at the low end of the cost spectrum being drastically inferior to the higher quality solutions. You get what you pay for.

There are no Molecular CBD options available. Both the **Biolinear** Molecular and Nano lines that come from the **CES** are available to your business in one simple system with the greatest set of specifications and greatest flexibility of product offerings.

One 200 litre drum of our patented **CES** Vehicle sells for $150,000 USD. It can receive 20kg of CBD isolate. That translates into a $7,500 cost per kilogram. Assuming that your business uses your own CBD isolate, and it has a cost of $1,000/kg, you are now at a total input cost of $8,500/kg.

A Nano solution with the **Biolinear** specifications would at least garner a price of $12,000/kg (million mgs of CBD). This is a conservative figure. A Molecular solution, which the market does not have, is worth far more.

If you sold those kilograms of Molecular CBD to customers at a price of $12,000 (at least), your profit per kilogram of CBD isolate is now $3,500, versus the break-even/lose money scenario you were faced with before the **CES** empowered your business.

Example #2 – CBD Tinctures

A company with a tincture bottling line and business buys a kilogram of CBD isolate at a price of $1,000. Assuming they make 500mg CBD tinctures, they can produce 2,000 tinctures. These tinctures have an approximate MSRP of $25.00. Total revenue potential is 2,000 x $25.00 = $50,000, less the input cost of $1,000 equals $49,000.

A company who buys the **Biolinear CES** Vehicle suitable to convert 1kg of CBD isolate for $7,500, plus the $1,000 for the CBD, has a total input cost of $8,500 for the same million mgs of CBD. This CBD is now Molecular, which is an order of magnitude smaller than any Nano CBD on the market. It also has the benefits of being able to be converted into industry leading Nano CBD (please see **CES** descriptions). The approximate MSRP of a Nano CBD tincture (and remember, Molecular CBD is an order of magnitude smaller than nano) is $75.00. Total revenue potential is 2,000 x $75.00 = $150,000, less the input cost of $8,500 equals $141,500.

This represents almost 3x the potential profit and again is a conservative figure.

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Sample Details

Sample Name: 10% Nano-E Concentrate 1
SOP Name: mansettings.nano
File Name: 10% Concentrate and wat...

Record Number: 4
Material RI: 1.46
Material Absorbtion: 0.010
Dispersant Name: F95

Dispersant RI: 1.330
Viscosity (mPa.s): 115.0000
Measurement Date and Time: Tuesday, February 04, 2020

System

Temperature (°C): 25.0
Count Rate (kcps): 152.0

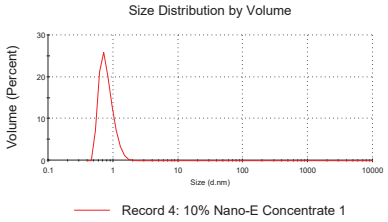
Cell Description: Disposable micro cuvette (40µl)
Duration Used (s): 10

Measurement Position (mm): 3.00
Attenuator: 11

Results

Z-Average (d.nm): 2.259
PdI: 0.338
Intercept: 0.334
Result quality: Refer to quality report

	SIZE (D.NM)	% VOLUME	ST DEV (D.NM)
PEAK 1	0.8035	100.0	0.2068
PEAK 2	0.000	0.0	0.000
PEAK 2	0.000	0.0	0.000



Sample Details

Sample Name: epp. 3 11
SOP Name: mansettings.nano
File Name: self emulsifying size.dts
Record Number: 1

Material RI: 1.45
Material Absorbtion: 0.010
Dispersant Name: Water
Dispersant RI: 1.330

Viscosity (mPa.s): 0.8872
Measurement Date and Time: Friday, September 27, 2019

System

Temperature (°C): 25.0
Count Rate (kcps): 138.6

Cell Description: Disposable micro cuvette (40µl)
Duration Used (s): 80

Measurement Position (mm): 3.00
Attenuator: 10

Results

Z-Average (d.nm): 11.49
PdI: 0.169
Intercept: 0.935
Result quality: Good

	SIZE (D.NM)	% VOLUME	ST DEV (D.NM)
PEAK 1	9.530	100.0	2.877
PEAK 2	4910	0.0	845.6
PEAK 2	0.000	0.0	0.000