Intiva BioPharma Files a U.S. Patent Application for the Use Cannabinoids for Treating Restless Legs Syndrome

The methods and compositions comprise the administration of a composition comprising one or more cannabinoids and/or one or more terpenes.

DENVER, COLORADO, USA, July 11, 2017 /EINPresswire.com/ -- INTIVA BioPharma Inc. has filed a provisional patent application with the United States Patent Office describing methods and compositions for treating Restless Legs Syndrome. The methods comprise the administration of a composition comprising one or more cannabinoids and/or one or more terpenes.

Restless legs syndrome (RLS), otherwise known as Willis-Ekbom Disease, and Wittmaack-Ekbom syndrome, is a term used to describe a neurological sensory disorder that also interferes with sleep and is thus also considered a sleep disorder.

The symptoms of RLS include the compelling, irresistible, or uncontrollable urge to move, restlessness, and abnormal, unpleasant, or uncomfortable sensations in the limbs or the skin of the feet, legs, arms, or elsewhere which include pain, aching, throbbing, pulling, itching, crawling, creeping, burning, jerking, fidgety, antsy, electrical, pins and needles, buzzing, and twitching. The movements may be persistent, repetitive, periodic, or intermittent with symptoms in remission for periods of time. Clinical manifestations appear mainly in the evening or nighttime, sometimes peaking between the hours of 12:00 AM to 4:00 AM. They can also manifest during periods of relaxation, rest, inactivity, or by lying or sitting down for a period of time.

RLS is believed to be related to dysfunction in the basal ganglia section of the brain that controls movement and that uses dopamine. This dysfunction is thought to be similar to the dopamine dysfunction of Parkinson’s disease. There are also a number of factors or conditions that are linked to RLS which include iron deficiency, pregnancy, certain medications such as anticonvulsants, antidepressants, beta-blockers, antipsychotics, certain substances such as alcohol, caffeine, cigarettes, neuropathy, venous disorders, renal disease and failure, sleep disorders, genetic inheritance, fibromyalgia, vitamin and mineral deficiencies, amyloidosis, hyper or hypothyroidism, Lyme disease, arthritis, diabetes mellitus, Periodic Limb Movement Disorder (PLMD) and Parkinson’s disease.

Robert Goldfarb, COO of INTIVA BioPharma, stated, “There is no known cure for RLS. Treatment options include treating the associated factors or conditions and physical measures, but most treatment options are futile resulting in progressively worsening clinical manifestations and which may eventually lead to insomnia. Lack of sleep due to RLS contributes to an impairment in life quality and an increase in depressive disorders, anxiety, and the occurrence of panic attacks. Patients with RLS sometimes use treatment options that include dopamine agonists, opiates, or anticonvulsants or a combination thereof, however most patients halt treatment due to the poor efficacy or harmful side effects. There is a need for improved treatments of RLS, and we’re hopeful of the prospects of a drug consisting of cannabinoids and/or terpenes being successful in treating some of the symptoms of RLS.”

INTIVA BioPharma has assembled a team of experienced professionals in pharmaceutical development and regulatory compliance for its drug development activities.

About INTIVA BioPharma Inc.

INTIVA BioPharma is proceeding with pre-clinical and clinical drug development activities, in accordance with U.S. Food and Drug Administration ("FDA") protocols, for a number of pharmaceutical formulations that include cannabinoids.
BioPharma's drug development strategy consists of:
The determination of medical conditions and disorders that could potentially benefit from cannabinoid-based formulations;
Conducting "freedom to operate" investigations on these conditions;
The preparation of patent applications and the prosecution of such application and/or the licensing of existing patents;
Identifying the regulatory pathway with the U.S. Food and Drug Administration (FDA); and
Proceeding with pre-clinical and clinical development activities in accordance with FDA protocols for submission to obtain approval for the particular product(s).

INTIVA BioPharma website: www.intivabiopharma.com.

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