

PreveCeutical Medical Inc.

15:45 17 Aug 2020

PreveCeutical turns focus on developing preventive and curative therapies to COVID-19

- Runs five research and development programs targeting diabetes and obesity, pain, neurological disorders and cancer
- Developing CBD formula via Sol-gel nose-to-brain delivery system to fight coronavirus infection
- Seeking C\$29.5 million from Canadian government to support Sol-gel program amid COVID-19 battle

What PreveCeutical Medical does

PreveCeutical Medical Inc (CSE:PREV) (OTCQB:PRVCF) is a health sciences company developing innovative options for preventive and curative therapies utilizing organic and nature-identical products.

Headquartered in Vancouver, PreveCeutical currently has five research and development programs, including dual gene therapy for curative and prevention therapies for diabetes and obesity, and its Sol-gel program for the nose-to-brain delivery of medical compounds including cannabinoids (CBD) as well as non-addictive analgesic peptides as a replacement for morphine, fentanyl and oxycodone.

In July 2018, the firm launched its CBD division, which focuses on finding treatments for various ailments using CBD, which can be administered through the Sol-gel delivery system. With the use of an applicator, the sustained-released Sol-gel formulations allow for the direct and prolonged delivery of cannabinoids to a patient's central nervous system.

Amid the coronavirus (COVID-19) pandemic, PreveCeutical and its Australian partner are now developing a Sol-gel CBD formula that could fight off the ability of SARS-CoV-2, the virus that causes the COVID-19 disease, to infect nasal tissue.

How it is doing:

The development of the Sol-gel program recently reached a milestone in June when PreveCeutical successfully fingerprinted the chemical composition of cannabinoids in the extracts used to formulate the gels.

The advancement will enable the standardized preparation of the extracts, allowing the company's manufacturing partners to consistently control the quality of the chemical compositions from any given cannabis or hemp strain when making the Sol-gel formulations. Getting the formula right each time is crucial as some gels are designed to give a prolonged, controlled dosage. Also, the company needs a precise, consistent product that can pass regulatory scrutiny.

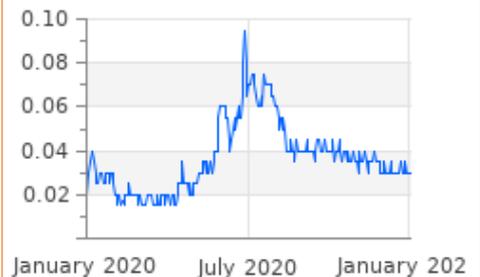
Going forward, PreveCeutical's objectives now are to develop, commercialize, and seek other third party clinical-proven formulations to be infused with the Sol-gel platform to address central nervous system disorders such as neuropathic pain and multiple sclerosis.

In fact, the company in June extended an agreement with UniQuest Pty Ltd — which along with the University of Queensland helped PreveCeutical successfully develop the Sol-gel program — to use the Sol-gel formulation technology

Price: 0.03

Market Cap: \$14.76 m

1 Year Share Price Graph



Share Information

Code: PREV

Listing: CSE

52 week High Low
0.1 0.01

Sector: Medical technology & services

Website: preveceutical.com

Company Synopsis:

PreveCeutical is a health sciences company that develops innovative options for preventive and curative therapies utilising organic and nature identical products.

action@proactiveinvestors.com

to create a potential coronavirus treatment. PreveCeutical will provide the CBD extract that researchers have identified as having anti-inflammatory properties and the potential to "reduce the ability of SARS-CoV-2 to infect nasal mucosa tissue."

Researchers from the university will develop the CBD extract into a Sol-gel nasal formulation. It is expected to take around three months after the delivery of the CBD extract. PreveCeutical will be responsible for pre-clinical testing and have the rights to the program's intellectual property.

The company has also retained Massachusetts-based Veristat, a global clinical research organization (CRO), to help it prepare for clinical trials of Sol-Gel.

In the meantime, the company has requested funding of C\$29.5 million from the Canadian government to support the Sol-gel program in a bid to battle COVID-19. Since September 2017, PreveCeutical has spent over C\$750,000 in research, not including management and employee overheads, on the program.

In August, the group also received around A\$1.23 million (US\$833,966) in a cash rebate from the Australian Federal Government's Research and Development (R&D) Incentive Program.

Another preventative therapy the company has also been advancing is its non-addictive analgesic peptide program to replace highly addictive drugs such as morphine, fentanyl and oxycodone. It is also being studied as a therapeutic product for treating athletes suffering from concussions.

The company recently completed a preclinical study of a dynorphin pain peptide on rats that "demonstrated effectiveness in alleviating moderate inflammatory pain" after administration of a single dose. Researchers plan to test other shortlisted peptides in the in-vivo rat model.

PreveCeutical is also seeing encouraging preliminary results from its research and development program that is expected to enable the company to generate key peptide therapeutics for use in treatments of brain cancer. Preliminary screening in an aggressive brain cancer assay successfully identified four lead peptides that inhibit the activity of a target protein found in the progression in certain glioblastomas. The firm also is involved in a study that uses blue scorpion venom-derived peptides to treat brain cancer.

It also focused on research into dual gene therapy targeting type 2 diabetes and obesity. The program is looking at proprietary chemistry toward the single gene target that is implicated in type 2 diabetes and obesity, which reduces the capacity to store fat as well as reverse obesity and fatty liver disease.

PreveCeutical's gene-silencing technology would effectively "turn off" the genetic signal which leads to the over-production of this key protein molecule, bringing it back down to safe, normalized levels. This would in turn help cells to absorb glucose, thus reducing blood sugar levels and prevent the body from storing excessive fat from food.

The company has bolstered its team in recent months, with the appointment of its chief scientific officer Dr Makarand Jawadekar as president. Jawadekar, who is also a director of PreveCeutical, previously spent 28 years at Pfizer (NYSE:PFE), where he served as director of portfolio management. The firm has also appointed Edward James Henderson as the public officer and director of its PreveCeutical (Australia) Pty Ltd. subsidiary.

Inflection points:

- Team with third-parties to make formulations for Sol-gel platform
- Develop quickly CBD Sol-gel formula to prevent SARS-CoV-2 infection in nasal tissue
- Test other identified peptides in in-vivo rat model
- Forge partnerships on brain cancer studies connected to blue scorpion venom-derived peptides
- Complete current stage of research into disulfide linker technology in engineering analgesic peptides

What the boss says:

"Having such an opportunity now to develop a CBD Sol-gel formulation, which could potentially help in COVID-19 exposed patients, is very exciting to us," said CEO Stephen Van Deventer. "PreveCeutical is hopeful to be a part of the search for the COVID-19 pandemic solution."

Video

Proactive Investors facilitate the largest global investor network across 4 continents in 4 languages. With a team of analysts, journalists & professional investors Proactive produce independent coverage on 1000's of companies across every sector for private investors, private client brokers, fund managers and international investor communities.

Contact us +44 (0)207 989 0813 action@proactiveinvestors.com

No investment advice

The Company is a publisher. You understand and agree that no content published on the Site constitutes a recommendation that any particular security, portfolio of securities, transaction, or investment strategy is suitable or advisable for any specific person. You understand that the Content on the Site is provided for information purposes only, and none of the information contained on the Site constitutes an offer, solicitation or recommendation to buy or sell a security. You understand that the Company receives either monetary or securities compensation for our services. We stand to benefit from any volume which any Content on the Site may generate.

You further understand that none of the information providers or their affiliates will advise you personally concerning the nature, potential, advisability, value, suitability or profitability of any particular security, portfolio of securities, transaction, investment, investment strategy, or other matter.

You understand that the Site may contain opinions from time to time with regard to securities mentioned in other products, including Company-related products, and that those opinions may be different from those obtained by using another product related to the Company. You understand and agree that contributors may write about securities in which they or their firms have a position, and that they may trade such securities for their own account. In cases where the position is held at the time of publication and such position is known to the Company, appropriate disclosure is made. However, you understand and agree that at the time of any transaction that you make, one or more contributors may have a position in the securities written about. You understand that price and other data is supplied by sources believed to be reliable, that the calculations herein are made using such data, and that neither such data nor such calculations are guaranteed by these sources, the Company, the information providers or any other person or entity, and may not be complete or accurate.

From time to time, reference may be made in our marketing materials to prior articles and opinions we have published. These references may be selective, may reference only a portion of an article or recommendation, and are likely not to be current. As markets change continuously, previously published information and data may not be current and should not be relied upon.

The Site does not, and is not intended to, provide investment, tax, accounting, legal or insurance advice, and is not and should not be construed as providing any of the foregoing. You should consult an attorney or other relevant professional regarding your specific legal, tax, investment or other needs as tailored to your specific situation.

In exchange for publishing services rendered by the Company on behalf of PreveCeutical Medical Inc. named herein, including the promotion by the Company of PreveCeutical Medical Inc. in any Content on the Site, the Company receives from said issuer annual aggregate cash compensation in the amount up to Twenty Five Thousand dollars (\$25,000).