

Innocan Pharma Announces Study Findings that LPT-CBD maintains its prolonged release in Rabbits

HERZLIYA, Israel and CALGARY, AB, Feb. 26, 2024 /CNW/ -- Innocan Pharma Corporation (CSE: INNO) (FSE: IP4) (OTCQB: INNPF) ("Innocan" or the "Company"), a pioneer in the pharmaceutical and biotechnology industries, is pleased to announce the latest findings from the Company's pharmacokinetic study of its LPT-CBD platform in rabbits.



The fundamentals of LPT-CBD lay in its ability to slowly release CBD into the blood stream. Studies conducted in various animal models including mice, dogs, goats, and sheep showed long pharmacokinetics of CBD that persisted up to several weeks. In the Company's latest study conducted on rabbits, the results showed additional supportive data for the long exposure of CBD obtained following a single subcutaneous LPT-CBD injection.

The Company is encouraged by these study results as they confirm the approach the Company is taking with its LPT platform. The results from studies of several organisms injected with the Company's liposomal CBD –have consistently demonstrated that a detectable CBD level could be maintained for weeks following one injection. The Company will continue with human trials in the near future.

Pharmacokinetics (PK) is an important tool that helps evaluate the bioavailability and exposure level of a specific drug. Parameters such as maximal blood drug concentration (cMax), time to reach cMax (Tmax) and half-life of the drug are calculated based on data collected from blood analysis of the drug across a determined time. The collected PK parameters along with other tests help to define the required dose of a drug to achieve a maximal therapeutic effect. In the study conducted on rabbits, the animals were collected for blood analysis of the drug for up to 11 days. As expected, the animals presented a persistent CBD concentration in their blood that maintained through the entire testing period. This correlates to PK results obtained from other species, supporting the long CBD exposure and the necessity of only a single LPT-CBD injection to obtain a long and wide therapeutic window for CBD.

About Innocan Pharma:

Innocan is a pharmaceutical tech company that operates under two main segments: Pharmaceuticals and Consumer Wellness. In the Pharmaceuticals segment, Innocan focuses on developing innovative drug delivery platform technologies comprises with cannabinoids science, to treat various conditions to improve patients' quality of life. This segment involves two drug delivery technologies: (i) LPT CBD-loaded liposome platform facilitating exact dosing and the prolonged and controlled release of CBD into the blood stream. The LPT delivery platform research is in the preclinical trial phase for two indications: Epilepsy and Pain Management. In the Consumer Wellness segment, Innocan develops and markets a wide portfolio of innovative and high-performance self-care products to promote a healthier lifestyle. Under this segment Innocan has established a Joint Venture by the name of BI Sky Global Ltd. that focuses developing on advanced targeted online sales. <https://innocanpharma.com/>

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Caution Regarding Forward-Looking Information

Certain information set forth in this news release, including, without limitation, the Company's plans for human trials of its LPT-CBD platform, is forward-looking information within the meaning of applicable securities laws. By its nature, forward-looking information is subject to numerous risks and uncertainties, some of which are beyond Innocan's control. . The forward-looking information contained in this news release is based on certain key expectations and assumptions made by Innocan, including expectations and assumptions concerning the anticipated benefits of the products, satisfaction of regulatory requirements in various jurisdictions and satisfactory completion of production and distribution arrangements.

Forward-looking information is subject to various risks and uncertainties that could cause actual results and experience to differ materially from the anticipated results or expectations expressed in this news release. The key risks and uncertainties include but are not limited to: global and local (national) economic, political, market and business conditions; governmental and regulatory requirements and actions by governmental authorities; and potential disruption of relationships with suppliers, manufacturers, customers, business partners and competitors. There are also risks that are inherent in the nature of product distribution, including import/export matters and the failure to obtain any required regulatory and other approvals (or to do so in a timely manner). The anticipated timeline for entry to markets may change for a number of reasons, including the inability to secure necessary regulatory requirements, or the need for additional time to conclude and/or satisfy the manufacturing and distribution arrangements. As a result of the foregoing, readers should not place undue reliance on the forward-looking information contained in this news release. A comprehensive discussion of other risks that impact Innocan can be found in Innocan's public reports and filings which are available under Innocan's profile at www.sedarplus.ca.

Readers are cautioned that undue reliance should not be placed on forward-looking information as actual results may vary materially from the forward-looking information. Innocan does not undertake to update, correct or revise any forward-looking information as a result of any new information, future events or otherwise, except as may be required by applicable law.

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