

Innocan Pharma Announces the Publication of Two Studies Supporting Its CLX Therapy for COVID-19 Infected Lung Cells

Herzliya, Israel and Calgary, Alberta--(Newsfile Corp. - October 23, 2020) - Innocan Pharma Corporation (CSE: INNO) (FSE: IP4) (the "**Company**" or "**Innocan**"), is pleased to announce the recent publication of two scientific articles supporting Innocan's approach of using CBD-Loaded Exosomes (CLX) for the treatment of COVID-19. The first paper entitled, "Potential application of mesenchymal stem cells and their exosomes in lung injury: an emerging therapeutic option for COVID-19 patients" published in the Journal of [Stem Cell Research & Therapy](#) on October 15, 2020 outlined that mesenchymal stem cells (MSCs) and their exosomes have potential therapeutic functions in the handling of COVID-19. Specifically, the study demonstrated that exosomes have the ability to enhance alveolar fluid clearance and promote epithelial and endothelial recovery through secretion of protective factors.

The second paper entitled, "[Cannabidiol \(CBD\) modulation of apelin in acute respiratory distress syndrome](#)" published in the Journal of Cellular and Molecular Medicine on October 15, 2020, demonstrated that the non-psychoactive reagent in cannabis (CBD) can significantly reduce the lung damage induced by cytokine storms (which is a physiological reaction in humans and other animals in which the [innate immune system](#) causes an uncontrolled and excessive release of [pro-inflammatory](#) signaling molecules called [cytokines](#)) caused by COVID-19.

Innocan Israel, a wholly owned subsidiary of the Company, together with Tel Aviv University Prof. Daniel Offen and his team, are developing a revolutionary combined therapy using MSC-driven Exosome-based loaded with CBD. The new combination is designed to target COVID-19 and neurodegenerative diseases.

Through their potential synergistic anti-inflammatory effect, CBD-Loaded Exosomes hold the potential of helping the body fight against the COVID-19 virus's direct damage and its cytokine storm. This product is planned to act as a "guided missile" to the infected tissues, as the Exosomes migrate to Inflamed zones that are carrying CBD.

Prof. Offen added: "The recent publications which support our unique approach is exciting. The potential synergistic effect of CBD and Exosomes is of great potential for COVID-19 and other diseases known for local inflammation that causes destruction. We are doing our best efforts to accelerate the development and to potentially offer a new approach for the COVID-19 treatment".

About Innocan

Innocan Israel is a pharmaceutical tech company that focuses on the development of several drug delivery platforms containing CBD. Innocan Israel and Ramot at Tel Aviv University, are collaborating on a new, revolutionary exosome-based technology that targets both central nervous system (CNS) indications and the COVID-19 Coronavirus using CBD. CBD-Loaded Exosomes hold the potential to help in the recovery of infected lung cells. This product, which is expected to be administrated by inhalation, will be tested against a variety of lung infections.

Innocan Israel signed a worldwide exclusive license agreement with Yissum, the commercial arm of The Hebrew University of Jerusalem, to develop a CBD drug delivery platform based on a unique-controlled release liposome to be administrated by injection. Innocan Israel plans, together with Professor Berenholtz Head of the Laboratory of Membrane and Liposome Research of The Hebrew University of Jerusalem, to test the liposome platform on several potential indications. Innocan Israel is also working on a dermal product that integrates CBD with other pharmaceutical ingredients as well as the development and sale of CBD-integrated pharmaceuticals, including, but not limited to, topical treatments for the relief of psoriasis symptoms as well as the treatment of muscle pain and rheumatic

pain. The founders and officers of Innocan Israel each have commercially successful track records in the pharmaceutical and technology sectors in Israel and globally.

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