Entheon Biomedical Announces the Approval of DMT Clinical Trial

Vancouver, British Columbia--(Newsfile Corp. - February 3, 2022) - Entheon Biomedical Corp. (CSE: ENBI) (OTCQB: ENTBF) (FSE: 1XU1) ("**Entheon**" or the "**Company**"), a biomedical company focused on the research and development of psychedelic drugs and leading-edge biomarkers to provide personalized treatment of addiction disorders, announced today the approval by the local Dutch ethics committee of EBRX-101, a comprehensive phase I clinical trial evaluating the pharmacokinetics, pharmacodynamics and safety profile of N,N-dimethyltryptamine (DMT). The study will be conducted at the Centre for Human Drug Research, in Leiden, Netherlands, with patient screening scheduled to begin this month.

The EBRX-101 study is the core research focus of Entheon Rx™, one of the Company's business divisions, which is focused on advancing the therapeutic potential of DMT and DMT-based drug analogues. The study will use an adaptive, randomized, double-blind, placebo-controlled design with a single ascending dose of intravenous DMT to be administered via continuous-controlled infusion to a population of otherwise healthy smokers. This phase 1 study will provide Entheon with essential safety and dosing data, providing the foundation for further research of DMT's therapeutic potential.

"DMT's unique metabolic and neuroprotective properties, together with its record of safe human use in the scientific literature, suggests that it is an ideal candidate for therapeutic administration," says Dr. Andrew Hegle, Chief Science Officer of Entheon. "However, it is crucial that we thoroughly investigate the pharmacological properties and safety profile of infused DMT in a clinical setting, and fully characterize its effects on the central nervous system. These results will form the basis for Entheon's phase 2 efficacy trials for nicotine cessation and the treatment of other substance use disorders."

DMT is a classic hallucinogen, similar to LSD or psilocybin in that it exerts many of its subjective, visual, and potentially therapeutic effects via the brain's serotonin system. DMT differs from the other serotonergic psychedelics in that it is naturally found in the body in trace amounts, and when given externally is rapidly metabolized, with subjective effects returning to baseline after roughly thirty minutes post- administration.

"Approval of this study is a significant achievement for the company, marking the culmination of months of rigorous work," says Timothy Ko, CEO of Entheon. "In our estimation and based on our review of existing literature, EBRX-101 is the most comprehensive studies of DMT to date. This clinical trial will serve as a benchmark for further investigation into the development of DMT as a treatment for addiction disorders."

About Entheon Biomedical Corp.

Entheon is a biomedical company focused on the research and development of psychedelic drugs and leading-edge biomarkers to provide personalized treatment of addiction disorders. Entheon is comprised of three divisions, Entheon RX™, focused on the development of therapeutic drugs, using N, N-dimethyltryptamine (**DMT**) as the pharmacological benchmark; Entheon ID™, focused on identification, analysis and predictive use of EEG biomarkers and genetics in the selection and management of drug treatment; and Entheon IQ™, focused on the development of treatment algorithms through the analysis of patient data. Subject to obtaining all requisite regulatory approvals and permits, Entheon intends to generate revenue through the sale of its DMT Products to physicians, clinics and licensed psychiatrists in the United States, certain countries in the European Union and throughout Canada.

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Forward-looking statements and information are provided for the purpose of providing information about the current expectations and plans of management of the Company relating to the future. Readers are cautioned that reliance on such statements and information may not be appropriate for other purposes, such as making investment decisions. Since forward-looking statements and information address future events and conditions, by their very nature they involve inherent risks and uncertainties. Actual results could differ materially from those currently anticipated due to a number of factors and risks. Accordingly, readers should not place undue reliance on the forward-looking statements and information contained in this news release. Readers are cautioned that the foregoing list of factors is not exhaustive. The forward-looking statements and information contained in this news release are made as of the date hereof and no undertaking is given to update publicly or revise any forward-looking statements or information, whether as a result of newinformation, future events or otherwise, unless so required by applicable securities laws. The forward-looking statements or information contained in this news release are expressly qualified by this cautionary statement.

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