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Matinas BioPharma Announces Feasibility Evaluation with Third Large Biopharmaceutical Company for the Formulation of Compounds Utilizing LNC Delivery Platform

BEDMINSTER, N.J., Dec. 12, 2019 (GLOBE NEWSWIRE) -- [Matinas BioPharma Holdings, Inc.](#) (NYSE AMER: MTNB), today announced that it has entered into a feasibility evaluation with Genentech, a member of the Roche Group. This feasibility evaluation will involve the development of oral formulations using Matinas' lipid nano-crystal (LNC) platform delivery technology, which enables the development of a wide range of difficult-to-deliver molecules.

"We are pleased to announce our third agreement with a large biopharmaceutical company during 2019 under which we have been asked to pair our LNC platform delivery technology with molecules which could potentially have a significant impact on disease burden. The interest shown by these companies in applying our platform delivery technology to their compounds is indicative of the emerging importance of drug delivery in the advancement of medicine. We continue to establish relationships with some of the most well-respected companies in the world in order to expand the depth, breadth and utilization of our unique and proprietary platform," said [Jerome D. Jabbour, Chief Executive Officer](#) of Matinas.

Matinas' LNC platform delivery technology offers an intracellular drug delivery solution with potential advantages across a broad range of therapeutics. The Company has demonstrated in preclinical animal models the ability to formulate and thereby re-design a wide variety of molecules and drugs (including oligonucleotides, peptides, proteins, vaccines, and small molecules) which, (a) require delivery technology to improve the stability of molecules inside and outside of the body; (b) could benefit from efficient delivery and cellular uptake by target cells; (c) are currently only available in intravenous (IV) formulations or (d) otherwise experience significant toxicity-related adverse events.

About Matinas BioPharma

Matinas BioPharma is a clinical-stage biopharmaceutical company focused on development of its lead product candidate, MAT9001, for the treatment of cardiovascular and metabolic conditions. MAT9001 is a prescription-only omega-3 fatty acid-based composition, comprised primarily of EPA and DPA, under development for hypertriglyceridemia, that was specifically designed to overcome the shortcomings seen from other agents in the omega-3 class. Company leadership has a deep history and knowledge of cardiovascular drug development and is supported by a world-class team of scientific advisors.

In addition, the Company is developing MAT2203, an oral, encocleated formulation of amphotericin B, to treat serious invasive fungal infections. The drug is based on Matinas' proprietary lipid nano-crystal (LNC) platform technology which can help solve complex challenges relating to the safe and effective delivery of potent medicines, potentially making them more targeted, less toxic and orally bioavailable.

Forward-Looking Statements

This release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, including those relating to the Company's anticipated capital and liquidity needs, strategic focus and the future development of its product candidates, including MAT9001 and MAT2203, the anticipated timing of regulatory submissions, the anticipated timing of clinical studies, the anticipated timing of regulatory interactions, the Company's ability to identify and pursue development and partnership opportunities for its products or platform delivery technology on favorable terms, if at all, and the ability to obtain required regulatory approval and other statements that are predictive in nature, that depend upon or refer to future events or conditions. All statements other than statements of historical fact are statements that could be forward-looking statements. Forward-looking statements include words such as "expects," "anticipates," "intends," "plans," "could," "believes," "estimates" and similar expressions. These statements involve known and unknown risks, uncertainties and other factors which may cause actual results to be materially different from any future results expressed or implied by the forward-looking statements. Forward-looking statements are subject to a number of risks and uncertainties, including, but not limited to, our ability to obtain additional capital to meet our liquidity needs on acceptable terms, or at all, including the additional capital which will be necessary to complete the clinical trials of our product candidates; our ability to successfully complete research and further development and commercialization of our product candidates; the uncertainties inherent in clinical testing; the timing, cost and uncertainty of obtaining regulatory approvals; our ability to protect the Company's intellectual property; the loss of any executive officers or key personnel or consultants; competition; changes in the regulatory landscape or the imposition of regulations that affect the Company's products; and the other factors listed under "Risk Factors" in our filings with the SEC, including Forms 10-K, 10-Q and 8-K. Investors are cautioned not to place undue reliance on such forward-looking statements, which speak only as of the date of this release. Except as may be required by law, the Company does not undertake any obligation to release publicly any revisions to such forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. Matinas BioPharma's product candidates are all in a development stage and are not available for sale or use.

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