

May 20, 2019



AIT Therapeutics Presents Data at the 2019 American Thoracic Society Conference in Dallas, TX

Oral presentation part of a mini-symposium on NTM held on Monday, May 20, 2019

GARDEN CITY, N.Y. and REHOVOT, Israel, May 20, 2019 (GLOBE NEWSWIRE) -- AIT Therapeutics, Inc. (NASDAQ: AITB), a clinical-stage medical device and biopharmaceutical company focused on developing inhaled Nitric Oxide (NO) for the treatment of patients with respiratory conditions including serious lung infections and pulmonary hypertension, today announced it presented data from its study, entitled: “*Synergistic Effect of Nitric Oxide with Antibiotics Against Mycobacterium Abscessus in Vitro*” at the 2019 American Thoracic Society (ATS) Conference being held on May 17-22, 2019 in Dallas, TX. The study was presented today, May 20, as part of a mini-symposium on “Advances in the Treatment of NTM.”

“We were pleased to present the potential encouraging benefits of Nitric Oxide therapy in Mycobacterium Abscessus at this important mini-symposium on the advances in NTM treatment,” said Steven Lisi, Chairman and Chief Executive Officer of AIT Therapeutics. “Patients with NTM face complex, expensive and invasive treatment regimens and we hope these data can potentially lead to optimized therapy with NO in the treatment of NTM.”

A copy of the poster presentation can be found [here](#).

About Nitric Oxide (NO)

Nitric Oxide (NO) is a powerful molecule proven to play a critical role in a broad array of biological functions. In the airways, NO targets the vascular smooth muscle cells that surround the small resistance arteries in the lungs and is used in adult respiratory distress syndrome and persistent pulmonary hypertension of the neonate. Additionally, NO is believed to play a key role in the innate immune system and in vitro studies suggest that NO possesses anti-microbial activity not only against common bacteria, including both gram-positive and gram-negative, but also against other diverse organisms, including mycobacteria, fungi, yeast and parasites, and has the potential to eliminate multi-drug resistant strains.

About NTM

Nontuberculous mycobacteria (NTM) is a rare and serious bacterial infection in the lungs causing debilitating pulmonary disease associated with increased morbidity and mortality. NTM infection is acquired by breathing in aerosolized bacteria from the environment, and if ignored can lead to NTM lung disease, a progressive and chronic condition. NTM is an

emerging public health concern worldwide because of its multi-drug antibiotic resistance. Current treatment guidelines suggest a combination of multiple antibiotics delivered continually for as long as two years. These complex, expensive and invasive regimens have a poor record in the treatment of *Mycobacterium abscessus complex* (MABSC) and refractory *Mycobacterium avium complex* (MAC) and have the potential for causing severe adverse events. AIT's system is designed to effectively deliver 160 - 400 ppm NO to the lung, and early data indicate that this range of NO concentration may have a positive effect on patients infected with NTM.

About AIT Therapeutics Inc.

AIT Therapeutics Inc. is a clinical-stage medical device and biopharmaceutical company developing a revolutionary NO Generator and Delivery System that uses NO generated from ambient air and delivers precise amounts of NO to the lungs for the potential treatment of respiratory and other diseases. The AIT NO Delivery System can generate up to 400 ppm of NO for delivery either continuously or for a fixed amount of time and has the ability to either titrate dose on demand or maintain a constant dose. The Company is currently applying its therapeutic expertise to develop treatments for pulmonary hypertension in various settings, in addition to treatments for lower respiratory tract infections that are not effectively addressed with current standards of care. AIT is currently advancing its revolutionary NO Generator and Delivery System in clinical trials for the treatment of bronchiolitis and severe lung infections such as nontuberculous mycobacteria (NTM). For more information, visit www.AIT-Pharm.com.

Forward-Looking Statement

This press release contains "forward-looking statements." Forward-looking statements include statements about our expectations, beliefs, or intentions regarding our product offerings, business, financial condition, results of operations, strategies or prospects. You can identify such forward-looking statements by the words "expects," "intends," "plans," "projects," "believes," "estimates," "likely," "goal," "assumes," "targets" and similar expressions and/or the use of future tense or conditional constructions (such as "will," "may," "could," "should" and the like) and by the fact that these statements do not relate strictly to historical or current matters. Rather, forward-looking statements relate to anticipated or expected events, activities, trends or results as of the date they are made. Because forward-looking statements relate to matters that have not yet occurred, these statements are inherently subject to risks and uncertainties that could cause our actual results to differ materially from any future results expressed or implied by the forward-looking statements. These forward-looking statements are only predictions and reflect our views as of the date they are made with respect to future events and financial performance. Many factors could cause our actual activities or results to differ materially from the activities and results anticipated in forward-looking statements, including risks related to: our approach to discover and develop novel drugs, which is unproven and may never lead to marketable products; our ability to fund and the results of further pre-clinical and clinical trials; obtaining, maintaining and protecting intellectual property utilized by our products; our ability to enforce our patents against infringers and to defend our patent portfolio against challenges from third parties; our ability to obtain additional funding to support our business activities; our dependence on third parties for development, manufacture, marketing, sales, and distribution of products; the successful development of our product candidates, all of which are in early stages of

development; obtaining regulatory approval for products; competition from others using technology similar to ours and others developing products for similar uses; our dependence on collaborators; and our short operating history. We undertake no obligation to update, and we do not have a policy of updating or revising, these forward-looking statements, except as required by applicable law.

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