

April 29, 2022



Abeona Therapeutics Announces Presentation at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting

NEW YORK and CLEVELAND, April 29, 2022 (GLOBE NEWSWIRE) -- Abeona Therapeutics Inc. (Nasdaq: ABEQ), a fully-integrated leader in cell and gene therapy, today announced that preclinical data on AAV204, a novel adeno-associated virus (AAV) capsid from Abeona's in-licensed AIM™ capsid library, will be presented at the Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, to be held on May 1-4, 2022 in Denver, CO and virtually on May 11-12, 2022.

The poster presentation will highlight the ability of AAV204 to produce more robust transduction in the macula area of the eye following para-retinal administration in non-human primates, an ocular administration method that does not require a subretinal detachment. The presentation details are as follows:

Posterboard Number: 3170-F0444

Title: AAV204, a Novel AAV Capsid, Demonstrates Superior Macular Transduction Following Para-Retinal Administration in Non-human Primates

Presenter: Brian Kevany Ph.D., Chief Technical Officer and Head of Research at Abeona

Poster Session Date/Times: Tuesday, May 3, 2022, from 5:30-7:30 PM MDT

About the AIM™ capsid library

AIM™ capsids are novel AAV serotypes that target delivery of genetic payloads to the central nervous system (including the retina), lungs, eye, muscle, liver and other tissues with potentially improved tropism profiles key to enable treatment of a variety of devastating diseases. AIM™ vectors have shown the potential to evade the immune response generated by exposure to naturally-occurring AAV vectors.

About Abeona Therapeutics

Abeona Therapeutics Inc. is a clinical-stage biopharmaceutical company developing cell and gene therapies for serious diseases. Abeona's lead clinical program is EB-101, its investigational autologous, gene-corrected cell therapy for recessive dystrophic epidermolysis bullosa in Phase 3 development. The Company's development portfolio also features AAV-based gene therapies for ophthalmic diseases with high unmet medical need. Abeona's novel, next-generation AAV capsids are being evaluated to improve tropism profiles for a variety of devastating diseases. Abeona's fully integrated cell and gene therapy cGMP manufacturing facility produces EB-101 for the pivotal Phase 3 VIITAL™ study and is capable of clinical and potential commercial production of AAV-based gene therapies. For more information, visit www.abeonatherapeutics.com.

Forward-Looking Statements

This press release contains certain statements that are forward-looking within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, and that involve risks and uncertainties. We have attempted to identify forward-looking statements by such terminology as “may,” “will,” “believe,” “estimate,” “expect,” and similar expressions (as well as other words or expressions referencing future events, conditions or circumstances), which constitute and are intended to identify forward-looking statements. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, numerous risks and uncertainties, including but not limited to the potential impacts of the COVID-19 pandemic on our business, operations, and financial condition; continued interest in our rare disease portfolio; our ability to potentially commercialize our EB-101 product candidate; obtaining a strategic partnership to take over development activities for ABO-102; our ability to enroll patients in clinical trials; the outcome of any future meetings with the U.S. Food and Drug Administration or other regulatory agencies; the impact of competition; the ability to secure licenses for any technology that may be necessary to potentially commercialize our product candidates; the ability to achieve or obtain necessary regulatory approvals; the impact of changes in the financial markets and global economic conditions; risks associated with data analysis and reporting; reducing our operating expenses and extending our cash runway; our ability to execute our operating plan and achieve important anticipated milestones; and other risks disclosed in the Company’s most recent Annual Report on Form 10-K and other periodic reports filed with the Securities and Exchange Commission. The Company undertakes no obligation to revise the forward-looking statements or to update them to reflect events or circumstances occurring after the date of this press release, whether as a result of new information, future developments or otherwise, except as required by the federal securities laws.

Investor and Media Contact:

Greg Gin

VP, Investor Relations and Corporate Communications

ir@abeonatherapeutics.com



Source: Abeona Therapeutics Inc.