



Eleven Biotherapeutics Announces Chief Scientific Officer to Chair a Session at the Antibody Engineering and Therapeutics Meeting

December 13, 2017

CAMBRIDGE, Mass.--(BUSINESS WIRE)--Dec. 13, 2017-- Eleven Biotherapeutics, Inc. (NASDAQ:EBIO), a late-stage clinical oncology company advancing novel product candidates based on its Targeted Protein Therapeutics (TPTs) platform, today announced that Dr. Gregory Adams, Chief Scientific Officer, will chair a session focused on antibody drug conjugates and fusion proteins at the Antibody Engineering and Therapeutics Meeting in San Diego, CA. As part of the session, Dr. Adams will give a talk on the potential for tumor-targeted payloads to prime the immune system to facilitate more effective therapy in combination with immunology agents, including checkpoint inhibitors.

"Checkpoint inhibitors are a significant step forward in the quest to engage the patient's immune system in the fight against cancer. Checkpoint inhibitors function by blocking the signals that cancers use to inhibit the immune system. However, for checkpoint inhibitors to be effective, they require the presence of an active immune response against the cancer. There is broad recognition of the potential for tumor-targeted payloads, such as Eleven's Targeted Protein Therapeutics (TPTs), to provide this spark to the immune system and act synergistically with checkpoint inhibitors," said Dr. Gregory Adams, Chief Scientific Officer of Eleven Biotherapeutics. "Earlier this year at the American Association of Cancer Research Conference, we presented data which supports this potential, demonstrating that TPTs induce immunogenic cell death as evidenced by the presence of damage-associated molecular patterns. Our collaboration with the National Cancer Institute and AstraZeneca aims to build on this evidence."

Session Details

Title: Antibody-Drug Conjugates & Fusion Proteins
Date: Wednesday, December 13, 2017
Time: 8:10 am - 12:00 pm PT
Location: Manchester Grand Hyatt; San Diego, CA

About Vicinium™

Vicinium™ is manufactured as a single protein anti-epithelial cell adhesion molecule (anti-EpCAM) fusion protein fused with Pseudomonas Exotoxin A (ETA) designed to specifically target and deliver a potent anti-cancer payload directly into tumor cells. It is constructed with a stable, genetically-engineered linker to ensure its potent protein payload remains attached until it is internalized by the cancer cell, which is believed to decrease the risk of toxicity to healthy tissues thereby improving the compound's safety. Vicinium's™ one-step manufacturing process offers significant cost advantages and results in the production of a homogenous product, with less batch-to-batch variability than most antibody drug conjugates. Vicinium™ is currently in a Phase 3 registration clinical trial for the treatment of high-grade non-muscle invasive bladder cancer (NMIBC) in patients who have previously received two courses of Bacillus Calmette-Guérin (BCG) and whose disease is now BCG-unresponsive. Eleven Biotherapeutics intends to enroll 134 subjects in the trial, including 77 subjects with carcinoma in situ (CIS), at over 70 centers in the United States and Canada. Primary and secondary endpoints include complete response (CR) in CIS subjects, time to disease recurrence and event free survival. The Company expects to complete patient enrollment in the first quarter of 2018 and to report topline three-month data in mid-2018.

About Eleven Biotherapeutics

Eleven Biotherapeutics, Inc. is a late-stage, clinical oncology company advancing novel product candidates based upon the Company's targeted protein therapeutics (TPTs) platform. TPTs incorporate a tumor-targeting antibody fragment and a protein cytotoxic payload into a single protein molecule in order to achieve focused tumor cell killing. Eleven's lead TPT, Vicinium™, is currently in a Phase 3 trial in non-muscle invasive bladder cancer, with topline three-month data expected in mid-2018. The Company believes its TPT approach offers significant advantages in treating cancer over existing antibody drug conjugate technologies. The Company believes its TPTs provide effective tumor targeting with broader cancer cell-killing properties than are achievable with small molecule payloads that require tumor cell proliferation and face multi-drug resistant mechanisms. Additionally, the Company believes that its TPT's cancer cell-killing properties promote an anti-tumor immune response that will potentially combine well with immune oncology drugs such as checkpoint inhibitors. For more information, please refer to the Company's website at www.elevenbio.com.

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