



Alector Presents Preclinical Data from AL009 Multi-Siglec Inhibitor Program at the Society for Immunotherapy of Cancer's 36th Annual Meeting

November 12, 2021

Preclinical Oncology Program Highlights Alector's Expertise in Harnessing Components of the Innate Immune System to Impact Disease

AL009 Targets Innate Immune Checkpoint Receptors, Blocks Immune Suppression of Tumor Cells and Activates Potent Anti-Cancer Immune Response

WASHINGTON, Nov. 12, 2021 (GLOBE NEWSWIRE) -- Alector, Inc. (Nasdaq: ALEC), a clinical-stage biotechnology company pioneering immuno-neurology, presented preclinical data from its AL009 immuno-oncology program in poster at the Society for Immunotherapy of Cancer's 36th Annual Meeting.

AL009 is a first-in-class fusion protein engineered to block multiple Siglecs. Siglecs (sialic acid binding immunoglobulin-like lectins) are a family of receptors involved in immune regulation that bind to cell surface sialic acid glycans. Siglecs are predominantly expressed on myeloid cells and the overexpression of Siglecs has been linked to immune suppression and evasion by tumor cells, as well as modulating the differentiation of myeloid cells into tumor-promoting macrophages. AL009 acts as a checkpoint inhibitor, blocking the immunosuppressive effect of multiple Siglecs and thereby enhancing both the innate and adaptive immune system response to cancer. Alector is developing AL009 for the potential treatment of solid tumor cancers and plans to initiate a first-in-human clinical trial of AL009 in 2022.

"Siglecs play a critical role in regulating immune activity, and our research into the role of the Siglec family of inhibitory receptors in neurodegenerative disease led to the discovery and optimization of AL009 for immuno-oncology. AL009 is a fusion protein uniquely able to block multiple Siglec receptors and halt Siglec-sialic acid-mediated immune suppression, which may be beneficial in a number of disease states where evasion of the immune system allows disease to progress unchecked," said Daniel Maslyar, M.D., Alector's Vice President Clinical Development. "As we compared AL009 with other immunotherapies in preclinical models, we observe higher potency in blocking immune cell suppression and promising anti-cancer activity alone and in combination with anti-PDL1 in multiple tumor types, including some that have been found resistant to other immunotherapies. We look forward to advancing AL009 into the clinic to characterize its potential to treat a variety of solid tumor types."

In a poster titled "AL009, a Fusion Protein and Multi-Siglec Inhibitor, Repolarizes Suppressive Myeloid Cells and Potentiates Anticancer Effects," Alector researchers highlighted:

- AL009 led to dose-dependent increases in immune stimulatory molecules consistent with the repolarization of myeloid-derived suppressive cells to a proinflammatory state
- *In vitro*, AL009 increased T cell function by approximately 10 to 100-fold compared to other cancer immunotherapies
- In syngeneic tumor models in mice that were less responsive to anti-PD-L1, treatment with AL009 showed efficacy in reducing tumor growth both as a single agent and in combination with anti-PD-L1
- In a murine model of lung metastasis, AL009 combined with anti-TRP1 therapy to reduce lung nodules

The poster is available on Alector website in the Investors section at www.alector.com. Alector management will also be conducting a call for analysts and investors to discuss data presented this week for four of the company's pipeline programs, AL001, AL101 and AL003 being developed for the treatment of neurodegenerative diseases and AL009.

About AL009

AL009 is a first-in-class multi Siglec inhibitor that works to enhance both the innate and adaptive immune system response to tumors by blocking a critical glycan checkpoint pathway that drives immune inhibition. Alector is initially developing AL009 for the potential treatment of solid tumors, with plans to initiate first-in-human clinical studies in 2022.

About Alector

Alector is a clinical-stage biotechnology company pioneering immuno-neurology, a novel therapeutic approach for the treatment of neurodegenerative diseases. Immuno-neurology targets immune dysfunction as a root cause of multiple pathologies that are drivers of degenerative brain disorders. Alector has discovered and is developing a broad portfolio of innate immune system programs, designed to functionally repair genetic mutations that cause dysfunction of the brain's immune system and enable the rejuvenated immune cells to counteract emerging brain pathologies. Alector's immuno-neurology product candidates are supported by biomarkers and target genetically defined patient populations in frontotemporal dementia and Alzheimer's disease. This scientific approach is also the basis for the company's immuno-oncology programs. Alector is headquartered in South San Francisco, California. For additional information, please visit www.alector.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements are subject to numerous important factors, risks and uncertainties that may cause actual events or results to differ materially from current expectations and beliefs, including but not limited to risks and uncertainties related to market conditions, Alector and its business as set forth in our Quarterly Report on Form 10-Q, as filed on November 4, 2021 with the Securities and Exchange Commission ("SEC"), as well as the other documents Alector files from time to time with the SEC. These documents contain and identify important factors that could cause the actual results for Alector to differ materially

from those contained in Alector's forward-looking statements. Any forward-looking statements contained in this press release speak only as of the date hereof, and Alector specifically disclaims any obligation to update any forward-looking statement, except as required by law.

Alector Contacts

Michelle Corral
VP, Communications and Investor Relations
650-808-7016
michelle.corral@alector.com

1AB (media)
Dan Budwick
973-271-6085
dan@1abmedia.com

Argot Partners (investors)
Laura Perry/Eric Kasper
Argot Partners
212-600-1902
alector@argotpartners.com



Source: Alector, Inc.