



Acumen Pharmaceuticals Collaborates with Lonza to Advance Sabirnetug for the Treatment of Alzheimer's Disease

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- Lonza to manufacture Acumen's monoclonal antibody, sabirnetug (ACU193), for clinical development and commercialization, if approved
- Sabirnetug is the first monoclonal antibody candidate to enter the clinic developed to selectively target toxic soluble amyloid beta oligomers, which evidence indicates are a primary underlying cause of Alzheimer's disease (AD)
- Acumen is on track to initiate a Phase 2 clinical trial evaluating sabirnetug in the first half of 2024

CHARLOTTESVILLE, Va. and BASEL, Switzerland, April 04, 2024 (GLOBE NEWSWIRE) -- Acumen Pharmaceuticals, a clinical-stage biopharmaceutical company developing a novel therapeutic that targets toxic soluble amyloid beta oligomers (A β Os) for the treatment of Alzheimer's disease (AD), has signed a collaboration agreement with Lonza, a global partner to the pharmaceutical, biotech and nutraceutical markets. The agreement covers the manufacture of sabirnetug (ACU193), an antibody targeting toxic soluble A β Os for the treatment of AD, for clinical development and commercialization, if approved.

Under the terms of the agreement, Lonza will manufacture the sabirnetug drug substance at its next-generation, manufacturing facility in Portsmouth, New Hampshire (US), equipped with 2,000L single-use bioreactors. Acumen will leverage Lonza's regulatory expertise, extensive experience in antibody manufacturing, and global manufacturing network from 2,000L to 20,000L.

Sabirnetug is the first humanized monoclonal antibody to demonstrate selective target engagement of A β Os in a Phase 1 first-in-human study. As A β Os are an early trigger and persistent driver of Alzheimer's-associated synaptic dysfunction and neurodegeneration, sabirnetug addresses an underlying cause of Alzheimer's by preventing toxic A β Os from binding to dendritic spines and by preserving neuronal function.

Stefan Egli, Global Head of Mammalian Biologics, Lonza, commented: "Our collaboration with Acumen showcases our flexibility in enabling innovative biotech companies to advance their innovative therapies on accelerated timelines. We are excited that our new, next-generation single-use manufacturing facility in Portsmouth (US) will be used to manufacture a cGMP drug substance that could bring new treatment options to patients suffering from Alzheimer's disease."

James Doherty, President and Chief Development Officer, Acumen Pharmaceuticals, added: "As we progress into Phase 2 clinical development of sabirnetug as a potentially best-in-class treatment for early AD, we are acutely aware that patients and their families are in urgent need of safe, effective treatment options for this devastating disease. Partnering with Lonza is a critical step to ensure broader access to next-generation AD therapies."

About Acumen Pharmaceuticals, Inc.

Acumen, headquartered in Charlottesville, VA, with additional offices in Indianapolis, IN and Newton, MA, is a clinical-stage biopharmaceutical company developing a novel therapeutic that targets toxic soluble amyloid beta oligomers (A β Os) for the treatment of Alzheimer's disease (AD). Acumen's scientific founders pioneered research on A β Os, which a growing body of evidence indicates are early and persistent triggers of Alzheimer's disease pathology. Acumen is currently focused on advancing its investigational product candidate, sabirnetug (ACU193), a humanized monoclonal antibody that selectively targets toxic soluble A β Os, following positive results in INTERCEPT-AD, a Phase 1 clinical trial involving early Alzheimer's disease patients. For more information, visit www.acumenpharm.com.

About Lonza

Lonza is one of the world's largest healthcare manufacturing organizations. Working across five continents, our global community of around 18,000 colleagues helps pharmaceutical, biotech and nutrition companies to bring their treatments to market. United by our vision to bring any therapy to life, we support our customers with a combination of technological insight, world-class manufacturing, scientific expertise, process excellence and innovation. Our work enables our customers to develop and commercialize their therapeutic discoveries, allowing their patients to benefit from life-saving and life-enhancing treatments.

Our business is structured to meet our customers' complex needs across four divisions: Biologics, Small Molecules, Cell & Gene, and Capsules & Health Ingredients. Our company generated sales of CHF 6.7 billion with a CORE EBITDA of CHF 2.0 billion in Full-Year 2023. Find out more at www.lonza.com.

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the process of discovering, developing and commercializing safe and effective human therapeutics. Such risks may be amplified by the impacts of geopolitical events and macroeconomic conditions, supply disruptions and uncertainty of credit and financial markets. These and other risks concerning Acumen's programs are described in additional detail in Acumen's filings with the Securities and Exchange Commission ("SEC"), including in Acumen's most recent Annual Report on Form 10-K, and in subsequent filings with the SEC. Copies of these and other documents are available from Acumen. Additional information will be made available in other filings that Acumen makes from time to time with the SEC. These forward-looking statements speak only as of the date hereof, and Acumen expressly disclaims any obligation to update or revise any forward-looking statement, except as otherwise required by law, whether, as a result of new information, future events or otherwise.

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