



Lilly Begins World's First Study of a Potential COVID-19 Antibody Treatment in Humans

June 1, 2020

- **First patients have been dosed in a Phase 1 study of LY-CoV555, the lead antibody from Lilly's collaboration with AbCellera**
- **The placebo-controlled study will assess safety and tolerability in patients hospitalized with COVID-19 with results anticipated by the end of June**
- **Should Phase 1 results show the antibody can be safely administered, Lilly will initiate a Phase 2 proof of concept study to assess efficacy in vulnerable populations**

INDIANAPOLIS, June 1, 2020 /PRNewswire/ -- Eli Lilly and Company (NYSE: LLY) today announced patients have been dosed in the world's first study of a potential antibody treatment designed to fight COVID-19.

This investigational medicine, referred to as LY-CoV555, is the first to emerge from the collaboration between Lilly and AbCellera to create antibody therapies for the prevention and treatment of COVID-19. Lilly scientists rapidly developed the antibody in just three months after AbCellera and the Vaccine Research Center at the National Institute of Allergy and Infectious Diseases (NIAID) identified it from a blood sample taken from one of the first U.S. patients who recovered from COVID-19. LY-CoV555 is the first potential new medicine specifically designed to attack SARS-CoV-2, the virus that causes COVID-19.

The first patients in the study were dosed at major medical centers in the U.S., including NYU Grossman School of Medicine and Cedars-Sinai in Los Angeles.

"We are committed to working with our industry partners to generate scientific evidence to meet the urgent need for treatments that reduce the severity of COVID-19 disease," said Mark J. Mulligan, MD, director of the Division of Infectious Diseases and Immunology and director of the Vaccine Center at NYU Langone Health. "Antibody treatments like the one being studied here hold promise to be effective medical countermeasures against this deadly infection," said Dr. Mulligan, also the Thomas S. Murphy, Sr. Professor in the Department of Medicine at NYU Langone.

"We are grateful to collaborate with colleagues at AbCellera, NIAID, and the many academic institutions who have helped us reach this milestone in humanity's fight against COVID-19 — a disease first characterized only six months ago. We are privileged to help usher in this new era of drug development with the first potential new medicine specifically designed to attack the virus. Antibody therapies such as LY-CoV555 may have potential for both prevention and treatment of COVID-19 and may be particularly important for groups hardest hit by the disease such as the elderly and those with compromised immune systems," said Daniel Skovronsky, M.D., Ph.D., Lilly's chief scientific officer and president of Lilly Research Laboratories.

"Later this month, we will review the results of this first human study and intend to initiate broader efficacy trials. At the same time as we are investigating safety and efficacy, we also are starting large-scale manufacturing of this potential therapy. If LY-CoV555 becomes part of the near-term solution for COVID-19, we want to be ready to deliver it to patients as quickly as possible, with the goal of having several hundred thousand doses available by the end of the year," continued Skovronsky.

Should Phase 1 results show the antibody can be safely administered, Lilly expects to move into the next phase of testing, studying LY-CoV555 in non-hospitalized COVID-19 patients. The company also plans to study the drug in a preventative setting, focusing on vulnerable patient populations who historically are not optimal candidates for vaccines.

Lilly is researching multiple approaches to treating COVID-19. Existing Lilly medicines are now being studied to understand their potential in treating complications of COVID-19, and the company is collaborating with two biotech companies to discover novel antibody treatments for COVID-19.

About Lilly's SARS-CoV-2 Antibody Program

LY-CoV555 is a potent, neutralizing IgG1 monoclonal antibody (mAb) directed against the spike protein of SARS-CoV-2. It is designed to block viral attachment and entry into human cells, thus neutralizing the virus, potentially preventing and treating COVID-19. Lilly intends to test this first antibody as well as other neutralizing antibodies against SARS-CoV-2 over the next several months. Lilly intends to test both single antibody therapy as well as combinations of Lilly antibodies (sometimes known as antibody cocktails) as potential therapeutics for COVID-19.

About the LY-CoV555 Phase 1 Trial

Study J2W-MC-PYAA is a randomized, placebo-controlled, double-blind Phase 1 trial that aims to investigate the safety, tolerability, pharmacokinetics (PK), and pharmacodynamics (PD) of LY-CoV555 following a single dose administered to participants hospitalized for COVID-19.

About Eli Lilly and Company

Lilly is a global healthcare leader that unites caring with discovery to create medicines that make life better for people around the world. We were founded more than a century ago by a man committed to creating high-quality medicines that meet real needs, and today we remain true to that mission in all our work. Across the globe, Lilly employees work to discover and bring life-changing medicines to those who need them, improve the understanding and management of disease, and give back to communities through philanthropy and volunteerism. To learn more about Lilly, please visit us at www.lilly.com and newsroom.lilly.com/social-channels. P-LLY

Lilly Cautionary Statement Regarding Forward-Looking Statements

This press release contains forward-looking statements (as that term is defined in the Private Securities Litigation Reform Act of 1995) about LY-CoV555 as a potential treatment for patients with COVID-19 and reflects Lilly's current beliefs. However, as with any such undertaking, there are substantial risks and uncertainties in the process of drug development and commercialization. Among other things, there can be no guarantee that LY-CoV555 will prove to be an effective treatment for COVID-19. For a further discussion of these and other risks and uncertainties that could cause actual results to differ from Lilly's expectations, please see Lilly's most recent Forms 10-K and 10-Q filed with the U.S. Securities and Exchange Commission. Lilly undertakes no duty to update forward-looking statements.



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