



Johnson & Johnson Announces Collaboration to Expand Manufacturing Capabilities For its COVID-19 Vaccine Candidate in Support of the Company's Goal to Supply More Than One Billion Vaccine Doses Globally

April 23, 2020

Company Signs Agreement with Emergent BioSolutions in the U.S. As Part of its Investment First in Series of Anticipated Strategic Collaborations Designed to Further the Company's Goal of Ensuring Global Supply of a Safe and Effective Vaccine for COVID-19

NEW BRUNSWICK, N.J., April 23, 2020 /PRNewswire/ -- Johnson & Johnson (the Company) (NYSE: JNJ) today announced a collaboration between the Janssen Pharmaceutical Companies of Johnson & Johnson and Emergent BioSolutions, Inc. to support the manufacturing of its lead investigational COVID-19 vaccine candidate. This is the first in a series of prospective global collaboration agreements designed to accelerate manufacturing of Johnson & Johnson's COVID-19 vaccine candidate, and further the Company's goal to supply more than one billion doses of the vaccine globally.

Paul Stoffels, M.D., Vice Chairman of the Executive Committee and Chief Scientific Officer, Johnson & Johnson, said, "We have set a high bar. Johnson & Johnson has committed to rapidly produce and supply more than one billion doses of a safe and effective vaccine globally. Our collaboration with Emergent is proof that we are moving quickly to deliver on that promise."

Under the terms of this manufacturing agreement, Johnson & Johnson is investing to expand drug substance capacity related to the vaccine candidate. Emergent will provide drug substance manufacturing services with its molecule-to-market CDMO offering, beginning in 2020, and will also reserve operations capacity to potentially support commercial manufacturing of Johnson & Johnson's COVID-19 vaccine candidate leveraging Janssen's proven [AdVac® and PER.C6® technologies](#) beginning in 2021.

The Company has already begun preparations for clinical vaccine production at its facility in Leiden, the Netherlands, with the aim of initiating Phase 1 human clinical studies of its vaccine candidate in September 2020. Johnson & Johnson will begin production at risk and is committed to bringing an affordable vaccine to the public on a not-for-profit basis for emergency pandemic use.

Simultaneously, Johnson & Johnson is also aiming to rapidly scale up vaccine manufacturing capabilities globally, including increasing capacity in countries outside the U.S. The additional global capacity will assist in the rapid production of a vaccine and enable the supply of more than one billion doses of a safe and effective vaccine to people around the world.

For more than 20 years, Johnson & Johnson has invested billions of dollars in antivirals and vaccine capabilities. The COVID-19 vaccine program leverages Janssen's proven [AdVac® and PER.C6® technologies](#) that provide the ability to rapidly develop new vaccine candidates and upscale production of the optimal vaccine candidate. The same technology was used to develop and manufacture the Company's investigational Ebola vaccine and construct our RSV and HIV vaccine candidates which are in Phase 2 or Phase 3 clinical development stages.

COVID-19 belongs to a group of viruses called coronaviruses that attack the respiratory system. There is currently no approved vaccine, treatment or cure for COVID-19.

For more information on Johnson & Johnson's multi-pronged approach to combatting the pandemic, visit: www.jnj.com/coronavirus.

About Johnson & Johnson

At Johnson & Johnson, we believe good health is the foundation of vibrant lives, thriving communities and forward progress. That's why for more than 130 years, we have aimed to keep people well at every age and every stage of life. Today, as the world's largest and most broadly-based healthcare company, we are committed to using our reach and size for good. We strive to improve access and affordability, create healthier communities, and put a healthy mind, body and environment within reach of everyone, everywhere. We are blending our heart, science and ingenuity to profoundly change the trajectory of health for humanity. Learn more at www.jnj.com. Follow us at [@JNJNews](#).

About the Janssen Pharmaceutical Companies

At Janssen, we're creating a future where disease is a thing of the past. We're the Pharmaceutical Companies of Johnson & Johnson, working tirelessly to make that future a reality for patients everywhere by fighting sickness with science, improving access with ingenuity, and healing hopelessness with heart. We focus on areas of medicine where we can make the biggest difference: Cardiovascular & Metabolism, Immunology, Infectious Diseases & Vaccines, Neuroscience, Oncology, and Pulmonary Hypertension. Learn more at www.janssen.com. Follow us at [@JanssenGlobal](#).

Notice to Investors Concerning Forward-Looking Statements

This press release contains "forward-looking statements" as defined in the Private Securities Litigation Reform Act of 1995 regarding development of potential preventive and treatment regimens for COVID-19. The reader is cautioned not to rely on these forward-looking statements. These statements are based on current expectations of future events. If underlying assumptions prove inaccurate or known or unknown risks or uncertainties materialize, actual results could vary materially from the expectations and projections of the Janssen Pharmaceutical Companies and/or Johnson & Johnson. Risks and uncertainties include, but are not limited to: challenges and uncertainties inherent in product research and development, including the uncertainty of clinical success and of obtaining regulatory approvals; uncertainty of commercial success; manufacturing difficulties and delays; competition, including technological advances, new products and patents attained by competitors; challenges to patents; product efficacy or safety concerns resulting in product recalls or regulatory action; changes in behavior and spending patterns of purchasers of health care products and services; changes to applicable laws and regulations, including global health care reforms; and trends toward health care cost containment. A further

list and descriptions of these risks, uncertainties and other factors can be found in Johnson & Johnson's Annual Report on Form 10-K for the fiscal year ended December 29, 2019, including in the sections captioned "Cautionary Note Regarding Forward-Looking Statements" and "Item 1A. Risk Factors," and in the company's most recently filed Quarterly Report on Form 10-Q, and the company's subsequent filings with the Securities and Exchange Commission. Copies of these filings are available online at www.sec.gov, www.jnj.com or on request from Johnson & Johnson. None of the Janssen Pharmaceutical Companies nor Johnson & Johnson undertakes to update any forward-looking statement as a result of new information or future events or developments.



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SOURCE Johnson & Johnson

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