



Revive Therapeutics Enters into Worldwide Exclusive Agreement with Lawson Health Research Institute to Develop and Commercialize a Novel Long COVID Rapid Test

Potential world-first patented biomarker for long COVID

Evaluating diagnostic companion with Bucillamine for long COVID

TORONTO, Nov. 06, 2023 -- Revive Therapeutics Ltd. (“Revive” or the “Company”) (OTCQB: RVVTF) (CSE: RVV) (FRANKFURT:31R), a specialty life sciences company focused on the research and development of therapeutics for medical needs and rare disorders, newly-formed subsidiary, Revive Diagnostics Inc., today announced that it has entered into a license agreement with Lawson Health Research Institute for the worldwide exclusive rights to novel blood biomarkers that characterize long COVID. The discovery of the biomarkers identified by a research team at Lawson, led by Dr. Douglas Fraser, was recently published in the journal, *Molecular Medicine*¹.

“We are very excited to commercialize a potential world-first patented diagnostic solution for long COVID, which may have the ability to help millions of people globally in being correctly diagnosed so that appropriate medical interventions and treatments can be offered to improve quality of life and reduce the economic burden experienced by countries,” said Michael Frank, CEO of Revive.

Currently, there is no FDA-approved clinical diagnosis of long COVID and it is estimated to occur in at least 10% of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infections. More than 200 symptoms have been identified with impacts on multiple organ systems² — including fatigue, brain fog, difficulty breathing, and cardiovascular symptoms ranging from chest pain and arrhythmias to sudden cardiac death—but it remains a diagnosis of exclusion with an unknown biological basis³.

The CDC estimates that 7.5 percent of U.S. adults have long COVID symptoms⁴. David Cutler, PhD, a professor of economics at Harvard University, estimates in a recent research disclosure that the total economic cost of long COVID could be as much as \$3.7 trillion⁵.

Revive Therapeutics and Lawson will work together in completing the development of a qELISA laboratory test kit and a lateral flow assay point of care device for rapid testing of long COVID. In addition, Revive Therapeutics will evaluate the potential of the long COVID test as a companion to Bucillamine – a potential treatment for long COVID disease.

“Currently, long COVID is diagnosed based on a previous diagnosis of COVID-19 and a clinical assessment that includes a health history and a physical examination. The development of a rapid long COVID diagnostic test is crucial for not only identification and treatment, but also to reduce unnecessary medical testing and health care expenditures,” said Dr. Douglas Fraser, Lawson Scientist, Critical Care Physician at London Health Sciences Centre, and Professor at Western University’s Schulich School of Medicine & Dentistry.

Under the terms of the agreement, Revive Diagnostics Inc., a subsidiary of Revive Therapeutics, has gained exclusive worldwide rights to intellectual property for the development and commercialization of novel blood biomarkers that characterize long COVID disease. The intellectual property includes [PCT/CA2023/050145](#) entitled “Blood Biomarkers in Long-COVID19”; [PCT/CA2023/051292](#) entitled “Biomarkers in Long-COVID19”; and US Provisional Patent Application No. 63/433,425 entitled “Diagnosis and Treatment of Long-COVID”. The intellectual property is managed by WORLDDiscoveries, the joint commercialization office of Lawson and Western University.

About Lawson Health Research Institute

Lawson Health Research Institute is one of Canada’s top hospital-based research institutes, tackling the most pressing challenges in health care. As the research institute of London Health Sciences Centre and St. Joseph’s Health Care London, our innovation happens where care is delivered. Lawson research teams are at the leading-edge of science with the goal of improving health and the delivery of care for patients. Working in partnership with Western University, our researchers are encouraged to pursue their curiosity, collaborate often and share their discoveries widely. Research conducted through Lawson makes a difference in the lives of patients, families, and communities around the world. To learn more, visit www.lawsonresearch.ca.

About Revive Therapeutics Ltd.

Revive Therapeutics is a life sciences company focused on the research and development of therapeutics and diagnostics for infectious diseases and rare disorders, and it is prioritizing drug development efforts to take advantage of several regulatory incentives awarded by the FDA such as Emergency Use Authorization, Orphan Drug, Fast Track, and Breakthrough Therapy designations. Currently, the Company is exploring the use of Bucillamine for the potential treatment of public health medical emergencies and rare inflammatory disorders. Revive is also advancing the development of Psilocybin-based therapeutics

through various programs. For more information, visit www.ReviveThera.com.

For more information, please contact:

Michael Frank
Chief Executive Officer
Revive Therapeutics Ltd.
Tel: 1 888 901 0036
Email: mfrank@revivetherapeutics.com
Website: www.revivetherapeutics.com

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Sources:

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5. "The Economic Cost of Long COVID: An Update," David M. Cutler, Harvard University, July 22, 2022, https://scholar.harvard.edu/files/cutler/files/long_covid_update_7-22.pdf