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Volition Announces Groundbreaking Lateral Flow Test for Point-of-Care Quantification of Nucleosomes

HENDERSON, Nev., July 8, 2025 /PRNewswire/ -- VolitionRx Limited (NYSE AMERICAN: VNRX) ("Volition"), a multi-national epigenetics company, today announces it has demonstrated quantification of nucleosomes in whole venous blood in minutes utilizing a simple lateral flow device. The blinded study, part of the SUMMIT program, tested blood samples from 25 hospital patients in Intensive Care or at the Emergency Department. The results correlated strongly with those of Volition's established automated central laboratory Nu.Q® nucleosome assay, demonstrating the feasibility of early detection of immune disruptions that can occur in a range of conditions including sepsis, simply and rapidly in a doctor's office, Emergency Department or Intensive Care setting without the need to send a blood sample to a hospital laboratory for testing.

Mr. Gael Forterre, Chief Commercial Officer, Volition said:

"The ability to rapidly identify high-risk patients at the Point-of-Care by quantifying their nucleosome levels using a simple lateral flow device could enable quicker clinical decision making and consequently better patient outcomes.

"This is a potential gamechanger, not only in diseases where time is critical such as sepsis, but also in providing our tests to lower-income countries where laboratory infrastructure may be weak or non-existent.

"This technological breakthrough is the first report of a bedside lateral flow test to quantify nucleosomes, a marker of NETosis. It is not simply a positive/ negative test but provides a quantitative readout to facilitate clinical decision-making.

"The next phase of the SUMMIT program is to demonstrate use with capillary blood, with the ultimate goal of providing a finger-prick test for additional use cases."

About SUMMIT (**S**epsis: addressing **u**n**m**et needs for disease **m**onitoring with a rap**i**d **t**est)

This innovative project, aimed at developing a capillary blood-based Lateral Flow test for the early diagnosis of sepsis, is carried out with the financial support of the Walloon Region.

About Lateral Flow Tests

The first commercial Lateral Flow Test (LFT), the Clearblue pregnancy test, was launched in the late 1980s. More recently, LFTs for COVID-19 virus were widely used during the COVID-19 pandemic. LFTs are designed to rapidly detect a molecule of interest in a simple test that can be conducted immediately on a patient's blood, urine or saliva sample in a doctor's office or even a home setting by a person with no scientific training and using no specialized

equipment.

About Volition's Nu.Q® Nucleosome Assay

The Volition Nu.Q® nucleosome assay is a chemiluminescent immunoassay (ChLIA) that runs on the Immunodiagnostic Systems (IDS) i10® automated analyzer platform. It holds a CE Mark to aid in the detection and evaluation of diseases associated with NETosis and is available in 27 European Countries.

About Volition

Volition is a multi-national company focused on advancing the science of epigenetics. Volition is dedicated to saving lives and improving outcomes for people and animals with life-altering diseases through earlier detection, as well as disease and treatment monitoring.

Through its subsidiaries, Volition is developing and commercializing simple, easy to use, cost-effective blood tests to help detect and monitor a range of diseases, including some cancers and diseases associated with NETosis, such as sepsis. Early detection and monitoring have the potential not only to prolong the life of patients, but also to improve their quality of life.

Volition's research and development activities are centered in Belgium, with an innovation laboratory and office in the U.S. and an office in London.

The contents found at Volition's website address are not incorporated by reference into this document and should not be considered part of this document. Such website address is included in this document as an inactive textual reference only.

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Safe Harbor Statement

Statements in this press release may be "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, that concern matters that involve risks and uncertainties that could cause actual results to differ materially from those anticipated or projected in the forward-looking statements. Words such as "expects," "anticipates," "intends," "plans," "aims," "targets," "believes," "seeks," "estimates," "optimizing," "potential," "goal," "suggests," "could," "would," "should," "may," "will" and similar expressions identify forward-looking statements. These forward-looking statements relate to, among other topics, the exercise of the milestone-linked warrants upon the achievement of such milestone events or otherwise prior to their expiration, Volition's expectations related to revenue opportunities and growth, the timing, completion, success and delivery of data from clinical studies, the timing of publications, the effectiveness of Volition's cost reduction measures, the effectiveness and availability of Volition's blood-based diagnostic, prognostic and disease monitoring tests, Volition's ability to develop and successfully commercialize such test platforms for early

detection of cancer and other diseases as well as serving as a diagnostic, prognostic or disease monitoring tools for such diseases, and Volition's success in securing licensing and/or distribution agreements with third parties for its products. Volition's actual results may differ materially from those indicated in these forward-looking statements due to numerous risks and uncertainties, including, without limitation, results of studies testing the efficacy of its tests. For instance, if Volition fails to develop and commercialize diagnostic, prognostic or disease monitoring products, it may be unable to execute its plan of operations. Other risks and uncertainties include Volition's failure to obtain necessary regulatory clearances or approvals to distribute and market future products; a failure by the marketplace to accept the products in Volition's development pipeline or any other diagnostic, prognostic or disease monitoring products Volition might develop; Volition's failure to secure adequate intellectual property protection; Volition will face fierce competition and Volition's intended products may become obsolete due to the highly competitive nature of the diagnostics and disease monitoring market and its rapid technological change; downturns in domestic and foreign economies; and other risks, including those identified in Volition's most recent Annual Report on Form 10-K and Quarterly Reports on Form 10-Q, as well as other documents that Volition files with the Securities and Exchange Commission. These statements are based on current expectations, estimates and projections about Volition's business based, in part, on assumptions made by management. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. Forward-looking statements are made as of the date of this release, and, except as required by law, Volition does not undertake an obligation to update its forward-looking statements to reflect future events or circumstances.

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