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VolitionRx Highlights Commercial Momentum and Multi-Pillar Execution Across $27+ Billion Total Addressable Markets

112% H1 Revenue Growth, Advance Toward $5 Million Veterinary Milestone, Newly Announced Collaboration and Active Licensing Discussions with More Than a Dozen Global Diagnostic Leaders

HENDERSON, Nev., Aug. 26, 2026 /PRNewswire/ -- VolitionRx Limited (NYSE AMERICAN: VNRX) ("Volition"), a multi-national epigenetics company, today provides a comprehensive corporate update summarizing the significant clinical and commercial progress achieved during the first half of 2026.

Key Highlights:

- **Sepsis & NETosis Validation:** Peer-reviewed paper and independent Editorial published demonstrating that Nu.Q® NETs is an independent predictor of 28-day mortality and the need for renal (kidney) replacement therapy (RRT) in sepsis and septic shock patients. $7.3 million government-backed DETECSEPS program in France due to start recruitment in September 2026.
- **Demonstrates Clinical Utility of Breakthrough Finger-Prick Detection of Nucleosomes**: Expanding global market potential for sepsis testing using lateral flow, thereby potentially greatly expanding the addressable market and utility.
- **European Lung Cancer Reimbursement:** Plans formal conditional reimbursement submission in France by the end of 2026 to enable routine clinical use.
- **First Half Revenue Growth**: Reported $1.4M of revenue in the first half of 2026, representing a 112% increase year-over-year.
- **Feline Lymphoma Manuscript Submission:** Submitted for publication the clinical manuscript for the Nu.Q® Vet cancer test in cats; $5 million milestone payment anticipated subsequent to publication.
- **Global Licensing Momentum:** Confirms active discussions with more than a dozen of the world's leading diagnostic and liquid biopsy companies, including for technical evaluations.
- **Newly Announced Collaboration:** successfully transferred Volition Nu.Q® NETs assay onto Sysmex Corporation's platform, in preparation for anticipated broader agreement. Sysmex Corporation is a multi-billion dollar market capitalization company listed on the Tokyo Stock Exchange.
- **Capture-Seq™ Platform:** Peer-reviewed paper published: validation cohort detected over 95% of Stage I and II cancers, Underscores a $23 billion annualized opportunity in cancer detection.

Sepsis & NETosis Validation

We were honored that Nu.Q® NETs H3.1 featured in an editorial[1] in Critical Care Medicine, a prominent journal for Critical Care doctors around the world and were excited that the findings of another large-scale independent clinical study were peer-reviewed and published[2] in that journal. These findings confirm high-predictive accuracy for severe sepsis outcomes, driving commercial momentum across Volition's $2.8 billion addressable market[3].

The inclusion of our Nu.Q® NETs assay in a real-world interventional evaluation of early detection of sepsis, in a government-backed (~$7.3 million) program in France remains on track to start in the third quarter of 2026. The DETECSEPS program provides an opportunity to receive individualized or personalized care, adjusted to the risk of deterioration and progression to sepsis.

In the first half of 2026, we also reported two new, potentially large, clinical use cases for our Nu.Q® NETs assay beyond sepsis. In conjunction with the Mayo Clinic[4], we demonstrated Nu.Q® NETs' potential clinical utility in aiding early risk identification which could inform targeted preventive strategies in acute trauma care[4]. We plan to further validate with Mayo the use of Nu.Q® NETs in trauma patients.

We have also demonstrated the potential use of Nu.Q® NETs for patient management of a chronic disease, Hidradenitis Suppurativa[5], which affects about 1% of the world's population[6].

NETosis-related diseases beyond sepsis provide an additional $1 billion Total Addressable Market on an annualized basis[3].

Breakthrough Finger-Prick Detection of Nucleosomes

Excitingly for Nu.Q® NETs we have also made excellent progress in the development and evaluation of our lateral flow prototype assay. This has the potential to strengthen our product portfolio. In April, we reported the technical breakthrough of being able to detect nucleosomes in capillary blood (or finger prick blood) and more recently in August, we reported we have demonstrated correlation of the lateral flow prototype assay and our established CE marked automated Nu.Q® NETs assay in samples of critically ill, confirmed sepsis patients in the Intensive Care Unit.

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

This finger prick sample test could be used at the bedside, in the ER, or even at home in a self-test lateral flow kit, similar to COVID-19 or pregnancy testing, thereby greatly expanding the potential market beyond centralized lab testing.

With recent estimates indicating approximately 166 million cases of sepsis worldwide, the addressable market is huge. All-cause sepsis related deaths in 2021 represented 31.5%[7] of total global deaths, with the highest burden of mortality in lower-middle-income countries.

We are now actively targeting NGO partnerships and strategic collaborations with companies operating in low income countries to accelerate the commercialization and market penetration of our breakthrough Lateral Flow Assay.

Nu.Q® Lung Cancer Reimbursement Submission

Lung Cancer remains the major cause of cancer-related mortality worldwide.

We believe that Nu.Q® Cancer represents a significant advancement in lung cancer patient management, offering clinicians an additional tool to enhance precision in treatment selection and monitoring.

Research conducted by our long-term collaborators in Taiwan and Lyon demonstrates that our Nu.Q® Cancer technology empowers clinicians to make more informed treatment decisions and provides valuable new monitoring capabilities throughout the patient journey[8-13].

This evidence provides the basis of our European lung cancer reimbursement submission supported by our long-term collaborators at the Hospices Civils de Lyon, one of Europe's leading cancer centers.

Reimbursement is the next step on the path to the first use of Nu.Q® in clinical practice, an exciting prospect which is core to Volition's mission, using our tests to help save lives. This quarter we participated in our first pre-submission meeting with the authorities and anticipate a follow-up meeting and ultimately a submission in 2026.

Reimbursement will be a major milestone for Volition in the commercialization and licensing of Nu.Q® in the human cancer field and, assuming achievement, we anticipate the introduction into routine clinical use in France and will then set our sights on rolling-out to other countries.

Capture-Seq™ Breakthrough in Cancer Detection.

We were delighted thar our manuscript entitled "Direct analysis of transcription factor protected cfDNA in plasma by ChIP-seq: Measurement of altered CTCF binding in cancer is a novel biomarker for liquid biopsy" has been peer-reviewed and published[14]. This, our first peer-reviewed paper for Capture-Seq™, showcasing both a new method and new biomarkers for the detection of cancer, holding the promise of accurate, low-cost tests for a wide range of cancers.

We also announced over 95% sensitivity for stage I & II cancers with 95% specificity in a blinded validation cohort[15]. For patients, the potential significance is huge. If validated in larger cohorts, CTCF Capture-Seq™ could contribute to Multi-Cancer Early Detection (MCED) fulfilling a significant unmet clinical need.

We are in active discussions with several large liquid biopsy and diagnostic companies to accelerate the development of our Capture-Seq™ technology and undertake technical evaluations with potential licensors. We believe that this technology could, with further development, become very widely used and are actively advancing structured discussions

with potential commercial partners to accelerate the integration and launch of this technology as soon as possible.

We believe MCED represents a significant commercial opportunity with Total Addressable Markets on an annualized basis of approximately $23 billion and a potential additional $13 billion should it also prove useful in the detection of Minimal Residual Disease[3].

Companion Animal Health: Nu.Q® Vet Feline Milestone

We announced the submission of a clinical manuscript reporting the high accuracy of our Nu.Q® Vet Feline prototype assay in detecting lymphoma in cats, the most common cancer in the species[17]. At 97% specificity the assay detected 86% of feline lymphomas[16]. This breakthrough marks the development of what we expect to be the world's first simple, affordable blood-based liquid biopsy test for feline cancer, a significant unmet need in veterinary medicine.

This represents a tremendous commercial opportunity for Volition:

- the publication of this study in a peer reviewed journal is expected subsequently to unlock a $5 million contractual milestone payment.
- we will also generate ongoing revenue in this large and growing market where our technology meets an unmet need.

The Nu.Q® Vet Canine test is already available in more than 20 countries, and we believe the addition of a feline equivalent could potentially double our total addressable market in the companion animal space[3].

Our Goal and Vision

We have developed a truly remarkable, versatile platform and have further strengthened our **Intellectual Property** portfolio as we continue our licensing discussions with more than a dozen of the world's leading diagnostic and liquid biopsy companies. Our goal is to enter into licensing agreements and other arrangements that will bring revenue in the form of up front milestone payments, royalties and/or other recurring revenue.

We are delighted to have grown the commercial interest in the first half with an increase in discussions, including technical evaluations. Discussions are at various stages of the negotiation process across all our different pillars; our laser focus is on executing licensing agreements and we will update you as they progress.

Our vision is for our technologies to be incorporated into tests that will be used first by millions, and ultimately, hundreds of millions of people and animals a year, with our platform licensed to a range of large diagnostic and liquid biopsy companies (and governments) worldwide. Combining our groundbreaking technology with their installed base of laboratories, analyzer machines and sales forces around the world will achieve the optimal outcome for us – large companies have the resources to realize the opportunities better than Volition.

The Total Addressable Markets[3] (TAMs) for our technologies, on an annualized basis, are multi-billion-dollar opportunities, not only for Volition, but for our licensing partners. Volition

has made strong progress, both clinically and commercially, and our technology is now poised to be used very widely in a broad range of clinical utilities.

Summary of Addressable Markets (TAM)[3]

Pillar	Estimated Annualized TAM	Status
Capture-Seq™ Cancer Detection	**$23 Billion**	Peer-reviewed Publication
Nu.Q® NETs (Sepsis/NETosis)	**$3.8 Billion**	CE-Marked / Clinically Available
Nu.Q® Vet (Canine/Feline)	**$1.0+ Billion**	Canine is Commercially Available. Feline manuscript in Peer Review

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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.

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.

Media Enquiries: Louise Batchelor, Volition, mediarelations@volition.com, +44 (0)7557 774620

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These forward-looking statements relate to, among other topics, Volition's expectations regarding revenue opportunities and growth; the effectiveness and availability of its blood-based diagnostic, prognostic and disease monitoring tests; its ability to develop and successfully commercialize such test platforms for the early detection and monitoring of cancer and other diseases; its expectations regarding future publications; and its success in securing, and the terms of, licensing and/or distribution agreements with third parties.

Forward-looking statements are based on current expectations, estimates and projections about Volition's business, in part on assumptions made by management. They are not guarantees of future performance and involve risks and uncertainties that are difficult to predict and that could cause actual results to differ materially from those anticipated. These risks and uncertainties include, without limitation: the results of studies testing the efficacy of Volition's tests; failure to develop and commercialize its products, which may prevent it from executing its plan of operations; failure to obtain necessary regulatory clearances or approvals; failure to achieve healthcare system or insurance reimbursement; failure of the

marketplace to accept its products; failure to secure adequate intellectual property protection; the highly competitive and rapidly evolving nature of the diagnostics and disease monitoring market, which may render its products obsolete; downturns in domestic and foreign economies; and other risks identified in Volition's most recent Annual Report on Form 10-K, its Quarterly Reports on Form 10-Q, and other documents filed with the Securities and Exchange Commission.

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