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Forward-looking statements relate to, among other things, the effectiveness of the Company’s blood-based diagnostic tests, as well as the Company’s ability to develop and successfully commercialize such test platforms for early detection of cancer and other diseases. The Company’s actual results may differ materially from those indicated by forward-looking statements, due to numerous risks and uncertainties. For instance, if we fail to develop and commercialize diagnostic products, we may be unable to execute our plan of operations. Other risks and uncertainties include, but are not limited to, the Company’s failure to obtain necessary regulatory clearances or approvals to distribute and market future products in the clinical IVD market, a failure by the marketplace to accept the products in the Company’s development pipeline, or any other diagnostic products the Company might develop. The Company will face fierce competition, and the Company’s intended products may become obsolete, due to the highly competitive nature of the diagnostics market and its rapid technological change, and other risks identified on the Company’s most recent annual report on form 10-K, and quarterly reports on form 10-Q, as well as other documents that the Company files with the Securities and Exchange Commission.

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Our Mission

The dedicated team at Volition is a collective force of distinct individuals with a shared goal – to save lives by revolutionizing the way disease, and especially cancer, is diagnosed throughout the world, through routine blood tests.
Purpose-built, state of the art, 20,000 square ft research and development facility in Belgium.
Key Financials

NYSE American: **VNRX**

Market Cap: $231m*

52-week range: $1.72-$6.84*

Quarterly Burn: Approx. $3.6m**

Cash-on-hand: $19.7m**

*As at Nov 1, 2019
**As of Sept 30, 2019
Diagnostic healthcare company with a suite of easy to use blood-based cancer tests under development

We believe that simple to use blood tests are the best way to achieve improved levels of compliance (>80%)

Broad intellectual property portfolio, including granted 40 patents to date worldwide

Proof of concept data with product grade assays in Lung, Prostate and Colorectal Cancer

Texas-based Volition Veterinary subsidiary to develop and commercialise Nu.Q™ Vet

Nu.Q Capture enriches tumor associated nucleosomes
Investment Highlights - Product

- Anticipated colorectal cancer launch
  - Europe 2020 /Asia 2020, US 2020/2021

- Large scale Colorectal cancer studies underway globally; Europe, Asia and the U.S.

- Strong results in Lung cancer POC studies, 1,200 subject study underway with the National Taiwan University

- Further proof of concept studies underway in pancreatic, ovarian and blood cancers

- Study of Nu.Q Vet underway with Texas A&M University, focus on USDA approved product

- Endometriosis study ongoing

- Research Use Only Kit available through with Active Motif.
Nu.Q™ – How it works

The genome is **3 billion** base pairs

If uncoiled it would measure 5 feet long. Every 150 base pairs of DNA are wrapped around a nucleosome to form a DNA-Nu complex.

Each individual ‘bead’ is called a **nucleosome**

Nucleosomes consist of DNA and histone proteins. Histones and DNA are subjected to a variety of epigenetic modifications.

The DNA in every cell is wound around protein complexes in a “beads on a string” structure.

Cancer leads to cell death which results in fragmentation and release of nucleosomes into the blood.
Nu.Q™ - Revolutionizing the Approach to Cancer

• Nu.Q could represent a powerful step change in rethinking the approach to cancer.

• Nu.Q projected to be a simple solution to the challenging problem of early cancer diagnosis.

• Nu.Q run as simple low-cost ELISA technology, which can utilize other tests in panels (e.g.; CEA, PSA, CA125) for even higher accuracy.

Nu.Q’s unique technology looks for very early ‘nucleosomic’ markers of cancer

Designed to identify early stage cells before the cancer spreads

Can be run as a routine test

Just a small quantity of blood

Volition
Intellectual Property

• Believe to be the only company working on ELISA measurement for epigenetically modified circulating nucleosomes
• 20 patent families
• Eight patents granted in the U.S.
• Seven patents granted in the E.U.
• 25 additional patents granted worldwide in growing IP portfolio
• 106 patents pending worldwide
• Protection expected through or least to 2031 for products using the Nu.Q-X, Nu.Q-V and Nu.Q-A technologies

Further Breakthrough Patents Filed in 2019
Product Strategy

We plan to develop multiple products across a range of cancers falling into the following categories:

- **Front Line Screening Tests**
  - For asymptomatic subjects for the most prevalent cancers
  - Colon
  - Lung
  - Gastric
  - Breast

- **Triage Tests**
  - To work in conjunction with existing tests to improve sensitivity and/or specificity
  - E.g., with fecal tests for colorectal cancer or Low Dose CT scans for lung cancer

- **Frontline Diagnostic / Adjunct Diagnostic Tests**
  - To aid the diagnosis of diseased and/or treatment selection in Symptomatic patients
  - Colon

- **Patient Monitoring Tests**
  - To help monitor high risk groups and/or identify relapse
  - Prostate cancer
  - Type II diabetes patients for pancreatic cancer
  - Mutation profiling/Treatment selection

**Collaboration opportunity**
Cancer - The ongoing problem

1 in 6 deaths worldwide is due to cancer

Cancer is the second leading cause of death worldwide with over 18.1 million new cases diagnosed each year.

This causes over 9.6 million deaths worldwide and is expected to increase to over 16 million deaths by 2040.

In the U.S., three new cases of cancer are diagnosed and one person dies of a cancer-related death every minute.

One death every minute
The 5 most prevalent cancers

- **Lung**
  - Diagnoses: 2.1m
  - Deaths: 1.8m

- **Colorectal**
  - Diagnoses: 1.8m
  - Deaths: 881K

- **Breast**
  - Diagnoses: 2.1m
  - Deaths: 627k

- **Prostate**
  - Diagnoses: 1.3m
  - Deaths: 359K

- **Stomach**
  - Diagnoses: 1m
  - Deaths: 783K

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2. Diagnoses and Deaths are approximate numbers.
“Cancer screening tests can improve survival and decrease mortality by detecting cancer at an early stage when treatment is more effective.”
Cancer is currently diagnosed differently to most other diseases

<table>
<thead>
<tr>
<th>Disease</th>
<th>Frontline Screening / Diagnostic Blood Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diabetes</td>
<td>✓</td>
</tr>
<tr>
<td>Cardiovascular function</td>
<td>✓</td>
</tr>
<tr>
<td>Kidney function</td>
<td>✓</td>
</tr>
<tr>
<td>Thyroid function</td>
<td>✓</td>
</tr>
<tr>
<td>Liver function</td>
<td>✓</td>
</tr>
<tr>
<td>Reproductive function</td>
<td>✓</td>
</tr>
<tr>
<td>Infectious disease (HIV/Hepatitis)</td>
<td>✓</td>
</tr>
<tr>
<td>Inflammatory disease</td>
<td>✓</td>
</tr>
</tbody>
</table>

Cancer

- Chest X-Ray
- Mammography
- MRI Scan
- CT Scan
- Biopsy
- Colonoscopy
- Flexible sigmoidoscopy
- Fecal test
- Pap Smear
If screening participation can be increased to 80%, then the cancer death rate can be reduced by up 33%, saving over 200,000 lives in the US alone by 2030.

"We believe the only way to achieve this is with a routine blood test."

Jake Micallef
Chief Scientific Officer
In a cancer cohort (76 subjects), a single Nu.Q assay detected lung cancer, including stage I lung cancer. The AUC for this single assay was 85% (cancer vs healthy).

In a second Confirmatory LUNG cancer cohort (152 subjects), the same single Nu.Q assay also detected lung cancer with an AUC of 79% (cancer vs healthy).

In a colorectal cancer cohort (123 subjects) the same Nu.Q assay detected colorectal cancer with an AUC of 72% while a two-assay panel had an AUC of 84% (cancer vs healthy).
Regulatory Strategy – human diagnostics

**U.S.**
- FDA Regulated Product either via
  - PMA study
  - 510k

**EU**
- CE Mark and launch in the EU

**ASIA**
- Each country will require registration with the appropriate local authority
- With CE mark, the company believes that most countries will use the CE mark and accompanying clinical data as a basis of evaluation.
- Other countries may require ancillary validation trials to be added on to the submission for approval.
- China will required CFDA study
Introducing………

Volition Veterinary

nu·q vet
• Formed a Texas-based subsidiary “Volition Veterinary Diagnostics Development LLC” and appointed experienced Animal Health CEO
• Presented encouraging pre-analytical results using our Nu.Q diagnostics platform in veterinary medicine

• Massive market opportunity; the unmet need is just as great
  • 25% of dogs will develop cancer at some stage of their life
  • In the U.S. alone there are 4.2million canine cancer diagnoses per annum compared to 1.7million human diagnoses
  • Pricing likely to be $100-$200 per test

• Now conducting a study in cancer and other diseases in collaboration with Texas A&M University College of Veterinary Medicine
• Plan to register product with the United States Department of Agriculture (USDA)

  Potentially faster route to revenue than human diagnostics
• We can enrich or purify tumor associated nucleosomes

• With Nu.Q Capture we have been able to deplete nucleosomes by *upto 100%* using magnetic beads in serum and plasma

• The next step is to determine the level of tumor associated nucleosomes using mass spectrometry and/or sequencing

• Ultimate aim to provide complete nucleosome analysis and origin of cancer

Potentially a *breakthrough* product
Research Use Only Kits

- Global Sales and Distribution Agreement with Active Motif
- A complete solution to profiling nucleosomes - from cell to serum
- Applications include biomarker discovery in oncology, inflammatory conditions, infectious disease and transplant rejection
- Can be used on tissue culture or serum / plasma
- Broad Intellectual Property portfolio
Executive Team

**Dill Faulkes PhD, Executive Chairman** - Dill Faulkes has over 30 years of entrepreneurial and managerial experience as the founder and CEO of several software companies within the United Kingdom and the United States. As the Founder and Sole Benefactor of the Dill Faulkes Educational Trust, a UK registered charity, Dill also focuses on charitable activities.

**Cameron Reynolds MBA, President & Chief Executive Officer** - Cameron has extensive experience in the management, structuring, and strategic planning of start-up companies and has held positions including Chief Executive Officer, Chief Financial Officer, and Non-Executive Director of public and private enterprises. Cameron was educated at the University of Western Australia receiving both a B.Com. and an MBA.

**David Vanston MBA FCCA, Chief Financial Officer** - David has 20 years of financial management experience and recently held the position of Vice President Europe, Finance for Monster Worldwide, Inc. He is a certified chartered accountant and holds an MBA from Warwick Business School.

**Jake Micallef PhD MBA, Chief Scientific Officer** - Jake is an experienced scientist with expertise in research and development and in the management of biotechnical companies, including manufacturing and establishing operations. He received his BSc and a PhD in Physical Chemistry from King’s College London. In addition, he received his MSc in Chemical Pathology, and an MBA from Imperial College Management School.

**Louise Batchelor, Chief Marketing and Communications Officer** - Louise has more than 25 years of marketing, sales and leadership experience. Formerly Louise worked in various roles at Reckitt Benckiser including roles in Paris and New York. She holds a BA in Business Studies from Sheffield Hallam University.
Executive Team

**Jason Terrell MD, Chief Medical Officer & Chief Executive Officer of Volition America, Inc.** - Jason has expertise in clinical medicine and in laboratory diagnostics in the areas of business development, clinical trials, regulatory affairs and commercialization strategies. He was educated at Hardin-Simmon University where he graduated Summa Cum Laude, also receiving the Holland Medal of Honor. He received his MD from the University of Texas Medical School an affiliate of the MD Anderson Cancer Center.

**Gaetan Michel PhD, Chief Executive Officer of Belgian Volition SPRL** - Gaetan has over 10 years of experience in production management. Previously he has held positions such as project manager and production manager in proteomics at Advanced Array Technology and production and process development manager at KitoZyme. He has a PhD in Biochemistry from the University of Namur.

**Jasmine Kway PhD, Chief Executive Officer, Singapore Volition** - Jasmine has a proven track record in achieving positive business results by developing strategic business alliances and identifying new markets. She has successfully commercialised and expanded companies into the Asian markets. Jasmine has a B.Eng and a PhD in Oceanography from the National University of Singapore.

**Nathan Dewsbury MsC, Chief Executive Officer, Volition Veterinary** - Nathan has unique global expertise in the animal health industry. Having direct involvement in national testing programs, current health diagnostics platforms and commercializing next generation. He was educated at Texas A&M University where he received both his science and business degrees.

**Mark Eccleston PhD, MBA Business Development Director** - Mark is an enthusiastic and passionate biotechnology entrepreneur with over 20 years experience in the sector. He holds a PhD in Polymer Chemistry for biomedical applications and gained an MBA (entrepreneurship) from the University of Dundee in 2008.

**Rod Rootsaert LLB, Corporate Secretary** - Rod is an experienced legal and corporate secretary with over ten years’ experience in providing corporate, legal and administrative services to start-up companies. He previously served as corporate secretary for several junior mining companies in the United Kingdom. Rod received a LLB from the University of Western Australia.

**Scott Powell PhD, EVP, Investor Relations & CFO of Volition America, Inc.** - Scott has over 20 years of experience in the U.S. capital markets and investor relations. Scott worked for several years as an investment banker. He earned his B.S. in Business Administration from Bryant University and his MA and PhD degrees from Brown University.
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