UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

Date of Report: November 10, 2021 (Date of earliest event reported)

Oragenics, Inc.

(Exact name of registrant as specified in its charter)

FL (State or other jurisdiction of incorporation)

> 4902 Eisenhower Boulevard, Suite 125 Tampa, FL (Address of principal executive offices)

001-32188 (Commission File Number)

59-3410522 (IRS Employer **Identification Number)**

33634 (Zip Code)

813-286-7900 (Registrant's telephone number, including area code)

(Former Name or Former Address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock	OGEN	NYSE American

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01 Regulation FD Disclosure.

Oragenics, Inc. ("Oragenics" or the "Company") expects to use the investor presentation (the "Investor Presentation") on November 11, 2021 in connection with presentations to potential investors, and thereafter from time to time to potential investors, industry analysts and others. A copy of the Investor Presentation is attached hereto as Exhibit 99.1 and is incorporated herein by reference. Additionally, the Investor Presentation will be available under the "Presentations" tab in the "News and Media" section of the Company's website, located at www.oragenics.com.

By filing this Current Report on Form 8-K and furnishing the information contained herein, the Company makes no admission as to the materiality of any information in this report that is required to be disclosed solely by reason of Regulation FD.

The information contained in the Investor Presentation is summary information that is intended to be considered in the context of the Company's Securities and Exchange Commission ("SEC") filings and other public announcements that the Company may make, by press release or otherwise, from time to time. The Company undertakes no duty or obligation to publicly update or revise the information contained in this report, although it may do so from time to time as its management believes is warranted. Any such updating may be made through the filing of other reports or documents with the SEC, through press releases or through other public disclosure.

The information presented in Item 7.01 of this Current Report on Form 8-K and Exhibit 99.1 shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, unless the Company specifically states that the information is to be considered "filed" under the Exchange Act or specifically incorporates it by reference into a filing under the Securities Act of 1933, as amended, or the Exchange Act.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
99.1	Investor Presentation.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

In accordance with the requirements of the Exchange Act, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized on this 10th day of November, 2021.

ORAGENICS, INC. (Registrant)

BY: /s/ Michael Sullivan

Michael Sullivan Chief Financial Officer



Developing Vaccines & Novel Antibiotics to Prevent & Treat Today's & Tomorrow's Infections Corporate Presentation

NYSE American: OGEN

November 2021

Forward-Looking Statements

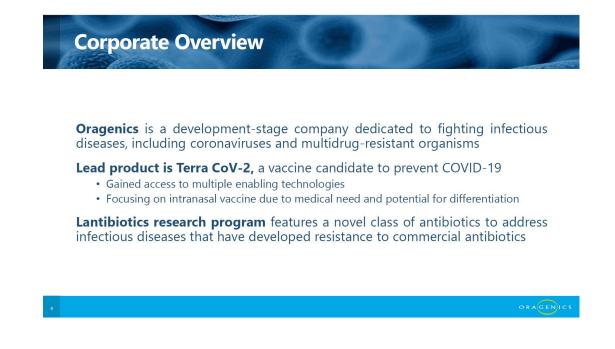
Certain statements made in this presentation include forward-looking actions that Oragenics, Inc. ("Oragenics," or the "Company") anticipates based on certain assumptions. These statements are indicated by words such as "expect", "anticipate", "should" and similar words indicating uncertainty in facts, figures and outcomes. Such statements are made pursuant to the Safe Harbor Provisions of the Private Securities Litigation Reform Act of 1995. While Oragenics believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such statements will prove to be correct. The risks associated with the Company are detailed in the Company's various reports filed by the Company with the Securities and Exchange Commission.

ORAGENICS



- Introduction
 - Dr. Fred Telling, Executive Chair
- COVID-19 Vaccine Commercial Analysis & Terra CoV-2 Opportunity
 Dr. Timothy Cooke, Commercial Consultant
- Terra CoV-2 Development Status – Terrence Cochrane, CMC Consultant
- Corporate Status Update
 - Michael Sullivan, Interim Principal Executive Officer and Chief Financial Officer

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COVID-19 Vaccine Commercial Analysis & Terra CoV-2 Opportunity

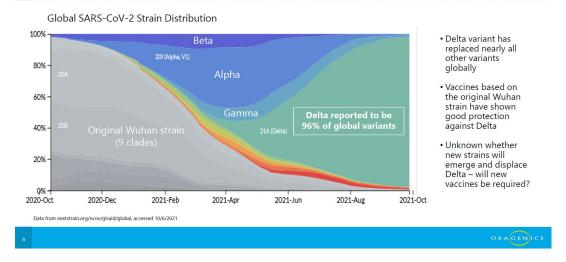
COVID-19 Vaccine Commercial Analysis

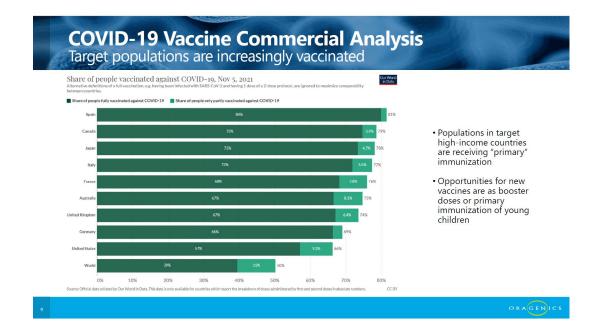
Market evolving rapidly across several dimensions

- Virus evolution with emergence & disappearance of variants
- Target populations are increasingly "seropositive" (from vaccination or exposure)
- Rapidly shifting competitive landscape
- Terra CoV-2 commercial opportunity
 - Assessed distinct formulations for intramuscular or intranasal administration
 - Intramuscular approach with Adjuvance TQL1055 adjuvant
 - Intranasal approach with Inspirevax BDX301 adjuvant



COVID-19 Vaccine Commercial Analysis Rapid global evolution of variants





COVID-19 Vaccine Commercial Analysis Competitive landscape

Most competitive vaccine market ever

- 129 Marketed/clinical-stage vaccines
 - 45 Clinical-stage protein subunit vaccine candidates (same type as Terra CoV-2)
 - 9 Clinical-stage intranasal vaccines
- 194 Preclinical-stage vaccine candidates

Late market entrants need to differentiate their vaccine

- Improve reduction in transmission of virus
- Provide needle-free administration options
- Fit with future target markets
 - "Best booster" for seropositives
 - Routine childhood immunization schedule
- Protect against dominant variant

Pipeline figures from WHO COVID-19 Vaccine Tracker: www.who.int/teams/blueprint/covid-19/covid-19-vaccine-tracker-and-landscape, dated 11/5/2021

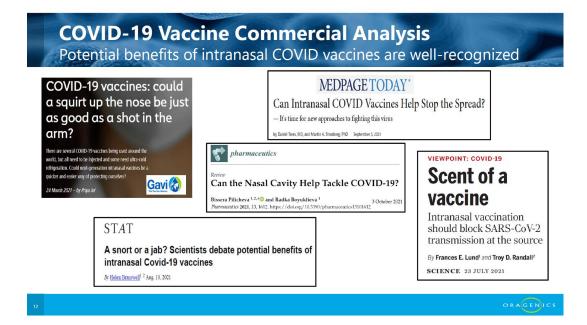
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COVID-19 Vaccine Commercial Analysis Intranasal vaccine pipeline is limited and earlier stage

Clinical-stage Intranasal Vaccine Candidates vs. Oragenics' Terra Cov-2

Organization	Organization Type	Vaccine Candidate	Vaccine Type	Clinical Stage	
Precision Viralogics/ Bharat Biotech	US private biotech/ Indian vaccine manufacturer	BBV154	Live chimpanzee adenovirus	Phase 2	All competing intranasal vaccine
Oxford University/ Astra Zeneca	UK university/ Big Pharma	Vaxzevria/AZD1222 (marketed for intramuscular injection)	Live chimpanzee adenovirus	Phase 1	candidates are based on live viruses • Live virus vaccines have
Codagenix / Serum Institute of India	US private biotech/ Indian vaccine manufacturer	COVI-VAC	Live attenuated SARS-Cov-2 virus	Phase 1	more safety risks with immunocompromised,
Meissa Vaccines	US private biotech	MV-014-212	Live respiratory syncytial virus	Phase 1	pregnant women and young children.
CyanVac	US private biotech	CVXGA1	Live parainfluenza-5 virus	Phase 1	 Indian manufacturers may have challenges obtaining approval in
Oragenics	US public biotech	Terra CoV-2	Protein subunit + BDX-300/301 adjuvant	Preclinical	US & EU

From WHO COVID-19 Vaccine Tracker: www.who.int/teams/blueprint/covid-19/covid-19-vaccine-tracker-and-landscape, dated 11/5/2021 List excludes 4 vaccine candidates from Cuba, Hong Kong University, Iran and Mexican veterinary vaccine company.



COVID-19 Vaccine Commercial Analysis Protein subunit vaccine pipeline

Company	Company Type	Adjuvant	Route Admin.	Clinical Stage EUA (Taiwan)	
Medigen	Taiwanese vaccine manufacturer	CpG 1018 (Dynavax)	Intramuscular (IM) injection		
Novavax	US public biotech	Matrix-M (Novavax)	IM injection	EUA (Indonesia)	
Sanofi Pasteur	Big Pharma	AS03 (GSK)	Miniection		
Clover	Chinese public biotech	(Dynavax) IM injection ne AS03 IM injection		Phase 3	
SK Parma	Korean vaccine manufacturer			Phase 3	
Medicago	Canadian biotech AS03 IM injection (GSK) IM injection		Phase 3 Preclinical		
Oragenics US public biote		TQL1055 IM injection (Adjuvance)			

Late-stage Protein Subunit Vaccine Candidates vs. Oragenics' Terra Cov-2

Six late-stage protein subunit candidates with adjuvants are progressing toward approval

- An additional 6 protein subunit candidates are in Phase 1 & 2 studies (from companies located in high-income countries)
- Given intense competition for protein subunit vaccines administered by intramuscular injection, <u>Oragenics has</u> decided to focus on its intranasal vaccine candidate

From WHO COVID-19 Vaccine Tracker: and-landscape, dated 11/5/2021

COVID-19 Vaccine Commercial Summary Terra CoV-2 commercial opportunity

- Focus on intranasal Terra CoV-2 candidate
 - Less competition and more opportunities to differentiate
- Establish first as preferred booster dose
 - Reduce virus transmission at source of infection (mucosal surfaces)

Needle-free

- Advantages of protein subunit intranasal vaccine versus live viral vaccines
- Develop for routine childhood immunization
 - Longer-term objective
 - Needle-free option appreciated by kids and parents
 - Easier to fit needle-free into crowded immunization schedule



Terra CoV-2 Development Status



process

Closely Aligned with NRC

Small agile CDMO

Phase 1 program

.

Moderna

• IgA (mucosal) Ab

• IgG (systemic) Ab

• BDX adjuvant family

has clinical record

NIH Intellectual

Inspirevax BDX301

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- Combine the immunological properties of the NIH construct with the NRC's swift expression platform
- Jumpstart IND-enabling studies by being able to manufacture spike antigens quickly

Next steps: preclinical animal studies, including:

- nouse immunogenicity study (complete) hamster viral challenge study (in-progress) rabbit pilot study (in-progress)
- rabbit toxicology study (planning stage)

The data from these studies will be needed for our **IND** application

Vaccine Program CMC Updates

Act	tivity	Status
Nation	al Research Council of Canada (Licensor of Cell Line & Platform)	
• Im	portant partner to Oragenics/Biodextris	Supporting R&D activities to de-risk development and critical path activities
• Are	eas of program support	Process -> Methods -> Characterization -> Cell Line Development -> R&D
• Clo	onal cell line development program	In-progress for Wuhan (WU) antigen; planned for Delta antigen
• Ha	amster Challenge Study	In-life completed; data anticipated Nov. 30th
• Joi	urnal publication opportunity:	Oragenics-NRC-Inspirevax collaboration (NRC lead)
• GL	P-Tox Enabling Pilot Rabbit Study	In-life on-going; data anticipated Dec. 30th
Biodextris (Antigen Manufacturer)		
• 3.9	Stable Cell GMP Banks produced (WU+Beta+Delta)	In-Progress; Being Released
• Pro	ocess & Methods tech transfer from NRC/Oragenics to Biodextris	Complete (process), In-Process (Methods)
• Ma	aterials Procurement	De-risked & largely complete
• Cu	rrent focus of CMC activities; timing of IND submission	WU+IN administration); est. April 2022 (Delta available if needed)
Inspirevax (Adjuvant Technology)		
• GMF	PBDX301 availability	Available
Nasa	al delivery device selection	In-Progress
	l clinical kit fill/finish	Planning Stage





Capitalization

Common Stock

	Equivalents			
Common Stock Outstanding	116,394,806	Cash	\$30.0M	
Series A and Series B Convertible Preferred (As Converted)	2,261,703			
Warrants (WAEP \$1.42)	18,040,572			
Reserved for issuance under stock incentive plan	8,009,250			
Total	144,706,331	-		

The Information is as of September 30, 2021. The Series A and B Preferred stock have no price based down-round protection for the conversion price and carry no accrued dividend.

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Company Summary

- SARS-CoV-2 spike protein vaccine technology licensed from NIH expected to enter human clinical studies in 2022; potential long-lasting protection against SARS-CoV-2, new variants and perhaps other coronaviruses
- NRC's swift expression platform in combination with NIH constructs accelerates high-yield production of spike
 protein antigens to combat existing and emerging variants
- · Potentially improved vaccine access through development of intranasal delivery technology and adjuvant
- Multibillion-dollar market for COVID-19 vaccines likely to accommodate multiple players, particularly in the post-pandemic period
- Cash through 3Q22
- Novel class of peptide antibacterial compounds called lantibiotics
 - · Activity against a variety of multidrug-resistant infections, believed to be the next human health crisis

DRAGENICS

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