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: September 27, 2018 (Date of earliest event reported)

Oragenics, Inc.

(Exact name of registrant as specified in its charter)

FL (State or other jurisdiction of incorporation) 001-32188 (Commission File Number) 59-3410522 (IRS Employer Identification Number)

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

33634 (Zip Code)

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

Not Applicable (Former Name or Former Address, if changed since last report)

	ck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under 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))
	cate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 30.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).
	Emerging growth company □
com	If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for uplying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 5.02. DEPARTURE OF DIRECTORS OR CERTAIN OFFICERS; ELECTION OF DIRECTORS; APPOINTMENT OF CERTAIN OFFICERS; COMPENSATORY ARRANGEMENTS OF CERTAIN OFFICERS.

(e) Compensatory Arrangements of Certain Officers.

Executive Officer Equity Awards. On September 27, 2018, the Board of Directors of the Oragenics, Inc. ("Oragenics" or the "Company") approved discretionary stock option awards, as recommended and approved by the Compensation Committee, for the Company's executive officers and certain currently employees. Dr. Alan Joslyn, the Company's Chief Executive Officer, Mr. Michael Sullivan, the Company's Chief Financial Officer, and Dr. Handfield, the Company's Senior Vice President of Discovery Research, were granted options to purchase 400,000, 250,000 and 220,000 shares of Company common stock, respectively, under the Company's 2012 Equity Incentive Plan, as amended (the "Plan") at an exercise price of \$0.73 per share, the closing price on September 27, 2018, the date of grant. A third of the options are vested immediately and two third of the options are subject to time-based vesting, with a third vesting on each of the first and second anniversaries of the date of the grant, subject to the recipient remaining employed with the Company through the vesting dates. The stock option awards are subject to the standard terms and conditions of the Company's form of stock option agreement which includes earlier vesting upon a change in control of the Company.

Item 8.01 Other Events.

Non-Employee Director Equity Awards. On September 27, 2018, the Board of Directors approved discretionary stock option awards providing the right to acquire 125,000 shares of common stock, to each of the Company's non-employee directors: Frederick Telling, Charles Pope, Alan Dunton, and Robert Koski under the Plan at an exercise price of \$0.73 per share, the closing price on September 27, 2018, the date of grant. The options vest immediately. The stock option awards are subject to the standard terms and conditions of the Company's form of stock option agreement.

Investor Presentation. On October 1, 2018 the Company posted on its website a copy of an updated investor presentation (the "Investor Presentation") a copy of which is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. The Company also expects to use the Investor Presentation from time to time in connection with presentations to potential investors, industry analysts and others. The Investor Presentation is available under the "Presentations" tab in the "News and Media" section of the Company's website, located at www.oragenics.com. 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.

Common Stock Outstanding. Due to the voluntary conversions by certain holders of Series D Convertible Preferred stock ("Series D Preferred Stock") the Company's outstanding shares of Series D Preferred Stock have decreased and the Company's outstanding shares of common stock have increased. As of September 30, 2018, the Company had 1,496,000 shares of Series D Preferred Stock and 18,419,135 shares of common stock outstanding.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

No. Description

99.1 Investor Presentation

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 1st day of October, 2018.

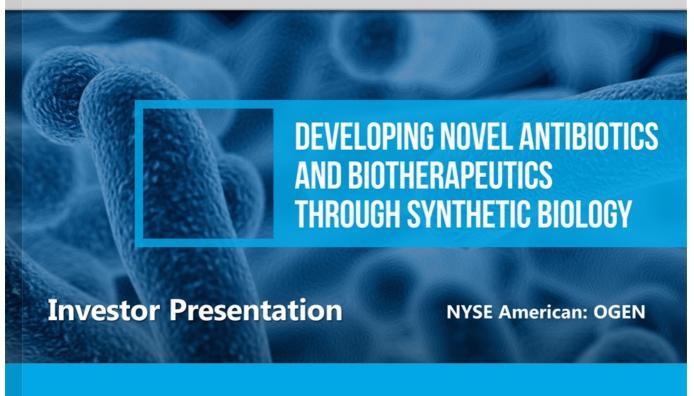
ORAGENICS, INC. (Registrant)

BY: /s/ Michael Sullivan

Michael Sullivan Chief Financial Officer



Alan F. Joslyn, PhD President & CEO 813 286 7900 ext 232 ajoslyn@oragenics.com Oragenics, Inc. 4902 Eisenhower Blvd., Suite 125 Tampa, FL 33634 www.oragenics.com



Safe Harbor Statement

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.

Investment Highlights

1 2 3

Phase 2 ongoing clinical program in a ~\$13MM market cap company with near-term catalysts; recent positive interim safety results

AG013 for Oral Mucositis: Large unmet clinical need - no drug is approved to prevent OM in the broad cancer population;
Affects >770,000 cancer patients annually



Lantibiotics Platform: A novel class of peptide antibacterial compounds, with activity against a variety of MDR infections







Oral Mucositis



- Most common and debilitating complication of cancer chemo and radiation therapy.
- Caused by breakdown of mucosal lining resulting in formation of oral ulcers.
- Inability to eat/drink (WHO grades 3 & 4) resulting in nutritional deficits and potential alterations of cancer treatment regimens.
- Large Addressable Market: > 770,000 U.S. newly diagnosed cancer patients receiving conventional chemotherapy and radiation are at increased risk of developing OM*

*Center Disease Control, 2017



Economic and Clinical Impact of Severe OM



2x more likely to receive TPN interruption in chemo regimen

2x

more likely to have unplanned break in

radiation

3-4x more likely to

experience

Severe Oral

Economic Impact:

2-8x
higher direct
hospital costs
due to longer
stay/delivery of
alimentation

Mucositis
9
extra days
in the
hospital

Nonzee et al Cancer 2008; 113: 1446-52 Vera_Llonch et al Cancer 2006: 106: 329-36 Carlotto et al Pharmacoeconomics 2013: 2013: 753-66



AG013: Target Product Profile

- Convenient, flavored oral rinsing solution composed of genetically modified Lactococcus lactis (non-pathologic food grade bacterium) engineered to deliver mucosal protectant human Trefoil Factor 1 (hTFF1) to mucosal tissues
 - Trefoil Factors (TFF's) are a class of peptides involved in protecting mucosal tissues against damage and in subsequent repair

 Cost effective (low COGs) rinse provides daily continuous oropharyngeal coverage with L. lactis producing hTFF1 during entire cancer treatment regimen

Efficacy endpoints include:

Prevention: No severe OM (WHO grade 3 or 4)

during chemoradiation course

Treatment: Reduced number of days of severe OM

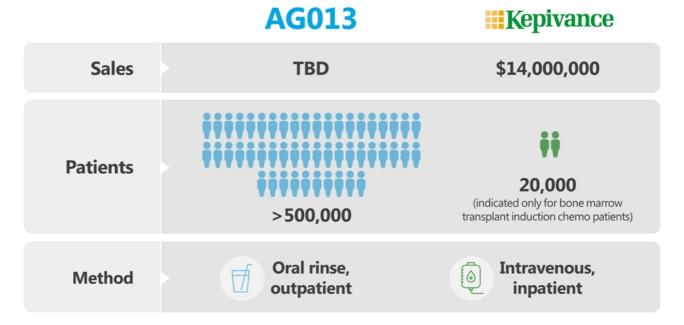
versus comparator (standard of care)



AG013 in Action



AG013 Superior to Available Treatments



\$600MM palliative care products provide temporary symptomatic relief

AG013 Has Large Addressable Market With Potential W.W. Sales >\$1.0Bn for Oral Mucositis

REVENUE-BASED FORECAST ASSUMPTIONS

Potential Global Market:

6.2 MILLION+

new patients ww/yr

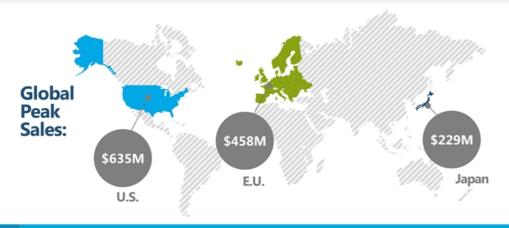
(1.2MM develop OM)

Peak Share:



Cost:

\$100 per day



Gross Margin:

90%

Intellectual property relating to AG013 extends into 2030s

AG013: Phase 2 Study Design Agreed with FDA

- Double-blind, placebo controlled evaluation of daily AG013 (2x10¹¹ CFU) TID oral rinse for duration of cancer treatment regimen
- 160-180 evaluable patients with head and neck cancer receiving chemoradiation therapy over 7-9 weeks and standard of care for prevention of OM
- ~45 clinical centers in United States and Europe
- Primary efficacy endpoint: Duration (in days) of severe OM (WHO grades 3 (unable to eat) & 4 (unable to drink))
- **Sample size consideration:** 160 evaluable patients (80/group) provides 80% power to detect 5-day difference between groups with respect to severe OM
- OM secondary endpoints: number of OM free (WHO grades 1 & 2) days, time to onset, use of pain medication, alteration in cancer regimens

AG013 Received FDA Fast Track Designation

ORAGEN)IC

AG013 Clears FDA Safety Hurdle: Positive Interim Safety Results

- 24 Patients randomized with 19 patients completing therapy.
- Adverse event profiles similar between AG013 and Placebo.
- Serious Adverse Events consistent with Head and Neck Cancer Patients: fever, neutropenia, infections, nausea & vomiting.
- No reports of bacteremia or sepsis
- Discontinuations:
 - Severe Oral Mucositis: 3 patients
 - Nausea & Vomiting: 3 patients
 - Non-compliance: 2 patients



AG013: Timeline of Key Events









CDC Antibiotic-Resistant Threats, 2017 (cases/yr, US)

Drug-resistant pathogen	blue = gram (+)	grey= gram (-)	Infections/year
Clostridium difficile			500,000
Carbapenem-Resistant Enterobacteriaceae (CRE)			9,000
Neisseria gonorrhoeae			246,000
MDR Acinetobacter			7,300
Drug-Resistant Campylobacter			310,000
Extended Spectrum ß-lactamase Enterobacteriace	ae		26,000
Vancomycin-Resistant Enterococ	cus (VRE)		20,000
MDR Pseudomonas aeruginosa			6,700
Drug-Resistant Non-Typhoid Salmonella			100,000
Drug-Resistant Typhoid Salmonella			3,800
Drug-Resistant Shigella			27,000
Methicillin-Resistant Staphyloco	ccus aureus (MR	SA)	80,000
Drug-Resistant Streptococcus pn	eumoniae		1,200,000





- C. difficile is an infection of the colon causing colitis by producing toxins that damage lining of the colon
- 500,000 infections annually resulting in 29,000 deaths
- 83,000 will experience at least one recurrence
- Deaths have increased 400% since 2000
- Healthcare-associated infections occur: 37% hospital onset, 36% nursing home onset, 27% community onset
- C. difficile associated diarrhea is associated with a 1-2 week hospital stay
- Emerging problem: 8% of CDI associated with onset of concomitant Vancomycin Resistant Enterococci (VRE) infection



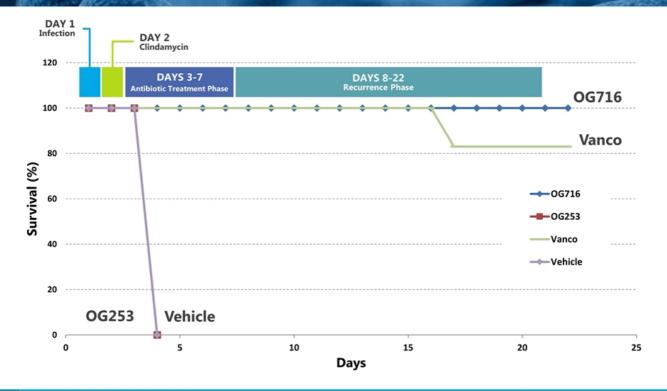
Lantibiotics: Novel Platform of Antibiotics to Treat Serious Life-Threatening Infections

- Lantibiotics are novel class of peptide antibacterial compounds naturally produced by variety of Gram-positive bacterial strains to attack competing bacterial strains
- Platform: >700 lantibiotic structures created, potentially generating a pipeline of new compounds
- Prior development limited by manufacturing technical hurdles
- Platform provides potential for development in multidrug resistant infections:
 - Methicillin Resistant Staphlococcus aureus (MRSA)
 - Vancomycin Resistant Enterococci (VRE)
 - Virulent Clostridium difficile
 - Gram(-) infections



Mutacin 1140: a lantibiotic produced by *Streptococcus mutans*

Oral OG716 Superior at Preventing *C. difficile* Deaths in Hamster Model



ORAGENICS

18

Lantibiotics: OG716 C. difficile Program Milestones







Capitalization

	Common Stock Equivalents	Major Shareholders	Common Stock	Common Stock Equivalents	
Common Stock Outstanding *	18,419,135	Koski Family	10.2%	6.3%	
Series A Convertible Preferred*	941,701	Intrexon Corporation	8.4%	3.8%	
Series B Convertible Preferred*	1,320,002	(NYSE:XON)			
Series C Non-Convertible Perpetual Preferred*** (101.733 shares outstanding)		Other Institutional Inve	<u>stors</u>		
	-	MSD Credit Opportunit	y Master Fund	LP	
Series D Convertible Preferred*	1,496,000	Harvest Intrexon Enterprise Fund I, LP			
Warrants (WAEP \$1.32)*	16,877,425	Harvest Intrexon Enterprise Fund I (AI), LP			
Reserved for issuance under		Altium Capital Manager	ment LP		
stock incentive plan*	2,009,250	Empery Asset Management, LP			
Total	41,063,513				

Pro-Forma Cash**

\$16.2M

The Series A, B, C, and D Preferred stock have no price based downround protection for the conversion price.



^{*} Information is as of September 30, 2018.

^{**} Information is as of June 30, 2018 plus net proceeds of ~\$12.3 million from July 2018 Underwritten Public Offering.

^{***} As of November 8, 2017, the Non-Voting, Non-Convertible Series C Preferred Shares have a stated value of \$33,847 per share and have an accruing dividend of 12% per year. The Series C Preferred Shares resulted from the conversion of approximately \$3.3 million in debt obligations previously owed to Intrexon.

Experienced Management Team

Dr. Alan F. Joslyn

Director, President and Chief Executive Officer

- Assumed CEO position at Oragenics in June 2016
- Held CEO positions at several private biotechnology companies including Sentinella Pharmaceuticals,
 Edusa Pharmaceuticals and Mt. Cook Pharma
- Presently sits on the board of Synergy Pharmaceuticals (NASDAQ: SGYP)
- Over 25 years of drug development experience at Glaxo, Johnson & Johnson and Penwest

Mike Sullivan

Chief Financial Officer

- Held senior-level financial positions for both publicly and privately held businesses
- Significant experience in product licensing and IP issues with strong background in both domestic and international retail operations

Dr. Martin Handfield

Senior Vice President, Discovery Research

- Molecular Microbiologist and former Tenured Associate Professor, College of Dentistry at The University of Florida
- Prolific researcher focusing on infectious diseases, host-pathogen interactions and non-invasive diagnostics