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Oragenics-Intrexon Collaboration Announces Significant Progress Towards Commercial Production of Lead Lantibiotic MU1140

TAMPA, Fla.-- [Oragenics, Inc.](#) (OTCBB: OGEN) announced today that its Exclusive Channel Collaboration (ECC) with [Intrexon](#) Corporation, a synthetic biology company, has produced an exponential increase in the fermentation titer of the target compound [MU1140](#) and the discovery of a promising new purification process for this product. This demonstrates significant progress toward the commercial production of its lead lantibiotic, MU1140, and delivers an important step in validating the lantibiotics platform targeting infectious diseases. Oragenics and Intrexon have been working together through the ECC to produce a pipeline of new lantibiotics that have been shown to be active against essentially all Gram-positive pathogens, including vancomycin-resistant *enterococci* (VRE), *Clostridium difficile*, methicillin-resistant *Staphylococcus aureus* (MRSA), as well as multi-drug resistant strains of *Mycobacterium tuberculosis*.

"The ability to manufacture MU1140 by fermentation was originally thought not to be commercially feasible due to low titers and difficulties in purification. The Oragenics-Intrexon ECC clearly shows that the application of specific expertise in these areas represents a breakthrough by developing a potentially viable commercial process for these important anti-infective agents," stated Dr. John N. Bonfiglio, Chief Executive Officer of Oragenics. In addition to the optimization of fermentation and purification strategies, Oragenics and Intrexon are working to leverage Intrexon's genetic and cell engineering expertise to produce analogs of MU1140 and a pipeline of new lantibiotics. "We believe the newly developed process will provide for the first time, the necessary quantities of MU1140 to complete critical development activities," added Dr. Bonfiglio.

About Oragenics, Inc.

Oragenics, Inc. is focused on becoming the world leader in novel antibiotics against infectious disease and probiotics for oral health for humans and pets. Oragenics, Inc. has established an exclusive worldwide channel collaboration for lantibiotics, a novel class of broad spectrum antibiotics, with Intrexon Corporation Inc., a synthetic biology company. The collaboration will allow Oragenics access to Intrexon's proprietary technologies with the idea of accelerating the development of much needed new antibiotics that will work against resistant strains of bacteria. Oragenics also develops, markets and sells proprietary probiotics specifically designed to enhance oral health for humans and pets, under the brand names [Evora](#) and [ProBiora](#) in over 13 countries worldwide.

For more information about Oragenics, visit www.oragenics.com. Follow Oragenics on [Facebook](#) and [Twitter](#).

Safe Harbor Statement: *Under the Private Securities Litigation Reform Act of 1995: This release includes forward-looking statements that reflect the Company's current views with respect to future events and financial performance. These forward-looking statements are based on management's beliefs and assumptions and information currently available. The words "believe," "expect," "anticipate," "intend," "estimate," "project" and similar expressions that do not relate solely to historical matters identify forward-looking statements. Investors should be cautious in relying on forward-looking statements because they are subject to a variety of risks, uncertainties, and other factors that could cause actual results to differ materially from those expressed in any such forward-looking statements. These factors include, but are not limited to our ability to raise additional capital to sustain our operations beyond June 30, 2012 and those set forth in our most recently filed annual report on Form 10-K and quarterly report on Form 10-Q, and other factors detailed from time to time in filings with the U.S. Securities and Exchange Commission. We expressly disclaim any responsibility to update forward-looking statements.*

Oragenics, Inc.
Michael Sullivan, 813-286-7900, ext. 246
Chief Financial Officer
Direct: 813-786-6431
msullivan@oragenics.com

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