



April 22, 2013

Metabolix to Present Advances in Biopolymer Technology at ANTEC Conference

Significant New Data Demonstrating that Biobased PHA Polymeric Modifiers Improve Performance of PLA and PVC

CAMBRIDGE, Mass.--(BUSINESS WIRE)-- [Metabolix](#), Inc. (NASDAQ: MBLX), an innovation-driven bioscience company focused on delivering sustainable solutions for plastics, chemicals and energy, today announced that its researchers will make technical presentations at the ANTEC Conference being held April 22-25 in Cincinnati, Ohio. Metabolix researchers will present new data showing that its biobased PHA (polyhydroxyalkanoate) copolymers significantly improve the mechanical, performance and environmental characteristics of the commercially significant polymers polylactide (PLA) and polyvinyl chloride (PVC).

"The demand for application specific products is an important trend in the biopolymers market and we are actively working to capitalize on it," said Richard P. Eno, president and chief executive officer, Metabolix. "Metabolix continues to drive innovation in the biopolymer market forward with technology advances that deliver valuable market applications for established industries across the globe."

"We are excited to share these test results showcasing the broad applicability of our PHA biopolymers for synergistically improving the characteristics of PLA and PVC," noted Bob Engle, vice president, business development, biopolymers, Metabolix. "The results detailed in our presentations represent the recent progression of our research and development activities, and have the potential for broadening the market opportunity for our biopolymers business."

Overview of Metabolix Presentations at ANTEC:

"Impact Modification of PLA using Biobased, Biodegradable Mirel PHB Copolymers"

Monday, April 22 at 9:00 a.m., Session M1 Bioplastics, Room 230

Allen Padwa will present data highlighting the use of Mirel PHB copolymers to improve the impact toughness of PLA without compromising the biobased carbon content and compostability of PLA. The results show that PHA can be blended with PLA to achieve a 20-fold increase in impact strength with modest decreases in tensile modulus. The balance of properties achieved with the blend rivals the performance of established engineering resins. The phase morphology and structure-property relationships of PLA/PHA blends will be discussed in the presentation.

"Modification of PVC with Biobased PHA Rubber, Part 2"

Tuesday, April 23 at 9:30 a.m., Session T16, Room 202

Yelena Kann, Ph.D., will present new data on the use of PHA polymeric modifiers to improve the mechanical and environmental performance of PVC. The presentation will describe the miscibility of PHA polymeric modifiers and their effect on plasticization, impact modification and flow promotion in flexible and semi-rigid PVC. In addition, data showing the resistance of PHA modified PVC to fungal growth, weatherization and biodegradation as compared to controls will be presented. Dr. Kann will also provide an overview of ongoing research in the use of PHA polymeric modifiers to improve rigid PVC formulations.

You can find more information about Metabolix's ANTEC presentations [here](#).

About Metabolix

Metabolix, Inc. is an innovation-driven bioscience company delivering sustainable solutions to the plastics, chemicals and energy industries. Metabolix is developing and commercializing a family of high-performance biopolymers targeted to the markets for film and bag applications, performance additives and functional biodegradation. Metabolix's biobased chemicals platform utilizes its novel "FAST" recovery process to enable the production of cost-effective, "drop-in" replacements for petroleum-based industrial chemicals. Metabolix is also developing a platform for co-producing plastics, chemicals and energy from crops. Metabolix has established an industry-leading intellectual property portfolio that, together with its knowledge of advanced industrial practice, provides a foundation for industry collaborations.

For more information, please visit www.metabolix.com. (MBLX-G)

Safe Harbor for Forward-Looking Statements

This press release contains forward-looking statements which are made pursuant to the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. The forward-looking statements in this release do not constitute guarantees of future performance. Investors are cautioned that statements in this press release which are not strictly historical statements, including, without limitation, statements regarding the market potential for Metabolix biopolymers, constitute forward-looking statements. Such forward-looking statements are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated and are detailed in Metabolix's filings with the Securities and Exchange Commission. Metabolix assumes no obligation to update any forward-looking information contained in this press release or with respect to the announcements described herein.

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