Direvo completes laboratory scale development of low cost lactic acid production technology

Direvo Industrial Biotechnology GmbH (Direvo) announces the successful completion of laboratory scale development of a fermentation process for low cost production of L-lactic acid, a part of its BluCon® technology platform. The technology platform enables one-step conversion of nonfood biomass to valuable chemicals, for example lactic acid.

Direvo’s CEO Jorg Riesmeier stated, “Our proprietary bacteria ferment grass, straw and other agricultural and forestry wastes. We have improved yield and conversion rate dramatically over the last 18 months. Again, Direvo has proven the ability to rapidly develop novel biotech processes.”

The BluCon® technology offers consolidated bioprocesses for production of biofuels and biobased chemicals. Consolidated bioprocessing is the conversion of lignocellulose into target products in a single step by microorganisms without additional enzymes. BluCon® accepts various non-food biomass ranging from grasses and straw to agricultural and wood residues and can therefore be applied to a wide variety of feedstocks around the globe.

Jorg Riesmeier added, “The investments made so far in proprietary bacteria and processes laid a strong and competitive scientific and technical foundation. Currently, we are evaluating strategic options which will support further development and will bring our process rapidly to market. Further scale-up will establish the most cost effective production process for lactic acid.”

About Direvo Industrial Biotechnology GmbH

Direvo is a biotechnology company with focus on the biomass conversion industry. Direvo identifies bottlenecks and weaknesses in current industrial processes in this sector and develops and implements biology-based solutions together with large and small industrial partners. Direvo’s products are newly designed enzymes and microorganisms of the highest quality that provide easy-to-implement, cost-effective solutions. Direvo’s contribution assures that partners stay competitive and profitable while supporting them to make the future cleaner, greener and safer. More information about Direvo is available on www.direvo.com.

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