

Scientific Industries Announces Research Collaboration Incorporating DOTS, The New Sensor Platform to Digitally Simplify Bioprocessing

DOTS Platform is now at six of fifteen top academic synthetic biology pilot plants in the U.S.

BOHEMIA, NY and PITTSBURGH, PA / ACCESSWIRE / September 16, 2022 / Scientific Industries, Inc. (OTCQB: SCND), a life science tool provider announced today that its wholly-owned subsidiary, Scientific Bioprocessing, Inc. ("SBI") entered into a research collaboration with Valerian Materials, the National Corn-to-Ethanol Research Center (NCERC), and the University of Minnesota (UMN), which will incorporate SBI's innovative DOTS software platform to advance digitally simplified bioprocessing. SBI's DOTS product combines a network of sensors and actuators with powerful software to monitor Critical Process Parameters (CPPs) in real-time and on a continuous basis.

The research project was one of nine projects announced yesterday by BioMADE (press release link [here](#)) at the Summit on the National Biotechnology and Biomanufacturing Initiative hosted at the White House where the Biden Administration revealed the details of the President's Executive Order and plans to invest over \$2 Billion in the sector to accelerate the "lab to fab". The project will use SBI's DOTS-enabled shake flasks to optimize the fermentation and downstream processing of betamethylvalerolactone, eventually incorporating it into sustainable and bio-derived elastomers, foams, and adhesives.

With the addition of NCERC and UMN, products from SBI's DOTS platform are now a key part of the workflow at six of the fifteen top academic synthetic biology pilot plants in the United States. The team at SBI is eager to collaborate with these academic leaders, looking to expand upon their experience and gain reference testimonial in how the use of DOTS-enabled shake flasks can result in a tangibly faster scale-up and economically viable solution at ten percent of the capital and operating cost of legacy workflows with conventional bioreactors.

John Moore, Chairman of Scientific Industries and SBI said, "There is an important movement underway to decarbonize our economy and Scientific Bioprocessing is developing critical fundamental tools on the DOTS platform to enable this new bioeconomy. We are so excited to be a part of this important BioMADE project and to be collaborating with these new highly respected partners. The success and transparency of this project will be an important reference for other customers. DOTS is gaining awareness and market traction."

To learn more about the DOTS platform, check out the [SBI webpage](#) or [contact SBI directly](#).

About BioMADE

Launched in 2021, BioMADE is a manufacturing innovation institute sponsored by the U.S. Department of Defense. By supporting the development of biomanufacturing technologies, BioMADE and its network of 150+ members across 29 states are strengthening American

competitiveness, creating a more resilient supply chain, and helping the U.S. becoming more self-sufficient. Read about the projects below, and learn more about BioMADE by visiting biomade.org.

About Scientific Bioprocessing, Inc.

Scientific Bioprocessing, Inc. (SBI) is dedicated to pioneering digitally simplified bioprocessing by providing actionable insights from lab to production floor. With the DOTS platform, SBI offers a broad portfolio of state-of-the-art bioprocessing sensors and actuators as well as the innovative DOTS software, for sensor control and data monitoring. Or in other words: one sensor platform to simplify your bioprocessing. SBI is a subsidiary of Scientific Industries Inc. To learn more, visit www.scientificbio.com.

About Scientific Industries, Inc.

Scientific Industries (OTCQB:SCND), is a life science tool provider. It designs, manufactures, and markets laboratory equipment, including the world-renowned Vortex-Genie[®] 2 Mixer and Torbal[®] balances, and bioprocessing systems under the product name Cell Growth Quantifier and Liquid Injection System. Scientific Industries' products are generally used and designed for research purposes in laboratories of universities, hospitals, pharmaceutical companies, medical device manufacturers, and pharmacies. To learn more, visit www.scientificindustries.com.

Safe Harbor Statement

Statements made in this press release that relate to future events, performance or financial results of the Company are forward-looking statements which involve uncertainties that could cause actual events, performance or results to materially differ. The Company undertakes no obligation to update any of these statements. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as to the date hereof. Accordingly, any forward-looking statement should be read in conjunction with the additional information about risks and uncertainties set forth in the Company's Securities and Exchange Commission reports, including our annual report on Form 10-K.

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SOURCE: Scientific Industries, Inc.