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FOR IMMEDIATE RELEASE:

Life Science Automation Company, Celltrio, Emerges from Stealth-Mode with Ready-to-Ship Solutions for Biobanking and Cell Culture Automation.

Founders Charlie Duncheon and Dr. Jin-Oh Kim, robotics Industry luminaries, bring industrial-quality automation to the life sciences market.

SANTA CLARA, CA—(BUSINESSWIRE- MARCH 12th, 2019)—Celltrio, Inc. (www.celltrio.com), a life sciences automation company today announced its emergence from stealth-mode with high-value, low-cost, ready-to-ship solutions for biobanking and cell culture automation based on intellectual property acquired for global exclusivity from its Korean partner, Robots and Design, Ltd.

The Celltrio co-founders, Charlie Duncheon and Dr. Jin-Oh Kim, are luminaries in robotics and factory automation, both having won the Robot Industry of America's (RIA) prestigious award: the Joseph Engelberger Award for Leadership. Duncheon serves as CEO, and Kim is CTO. Celltrio's goal is to bring industrial quality automation and robotics productivity, precision, and scalability to the life sciences market.

"We are excited to introduce the life sciences automation solutions proven in the Asian market by Robots and Design", said Charlie Duncheon. "Robots and Design's proven expertise as both a robot manufacturer and a life sciences solutions provider will serve our rapidly emerging market very well."

Unlike other early stage companies, Celltrio has products ready to ship. The Celltrio solutions are versions of Korean manufactured products that have been expanded and tailored for the US and world markets. Celltrio's partner, Robots and Design, Ltd., has manufactured and installed over 5000 robots and 11,000 linear modules in Korea. Celltrio will be expanding the technology and product line with a US-based engineering, product, and sales team who will deliver solutions to the US and other international markets.

Celltrio MC and RC Series- Unique Cryogenic Freezers for Biobanking

The Celltrio MC (manual) and RC (robotic) lines of liquid nitrogen (LN2) freezers provide proven cryogenic -190 °C storage solutions that are perfect for R&D and volume biobanking applications. All are easily expandable to multi-freezer configurations under Celltrio Skyview software control. The manual MC series can be updated to the robotic RC series as well. Freezers are available from 9K to 117K vial capacity. Celltrio also provides a full line of dry shippers and peripherals needed for biobanking solutions.

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Celltrio Task-Based Modular Design for Cell Culture Automation

Celltrio has taken a task module approach to Cell Culture: stand-alone modules such as incubators, centrifuges, liquid handlers and more that can be automated by integrating Celltrio robots, and configured into complete systems including software and LIMS integration. This is a successful product-line approach that is now the de-facto standard in industrial automation.

“Celltrio has a unique opportunity to provide automation to the life sciences market for both productivity improvements and time reduction for new drug introductions,” remarked Dr. Jin-Oh Kim. “I look forward to working with the deep robotic experienced colleagues in Celltrio.”

Biobanking and Cell Culture Automation Market Background

Life science automation, and in particular biobanking and cell culture automation are the fastest growing automation markets in the multibillion dollar Life Sciences automation market. Growth in these markets is primarily driven by the need to reduce the time and cost of bringing new drugs to market. Automation does exactly that, enabling scientific experiments to be executed much faster, reducing costs, and letting scientists focus on science rather than spending time in manual manipulation of experimental materials.

About Celltrio: Charlie Duncheon, CEO & Cofounder

Charlie Duncheon has spent over thirty executive years in the robotics and factory automation industry. He joined Adept Technology at its inception and as chief commercial officer led Adept to a successful IPO and over \$100M in annual revenue.

He cofounded and was CEO at successful startups including Artificial Muscle, Inc. (acquired by Bayer) and venture backed Grabit, Inc. He is a past President and Board Chairman of the Robotics Industries of America (RIA) and has received RIA's distinguished Joseph Engelberger Leadership Award.

About Celltrio: Jin-Oh Kim, Ph.D, CTO and Cofounder

Dr. Kim is a well-recognized leader in robotics and factory automation, having worked in the industry for over 30 years as a scientist, educator, author and entrepreneur.

Early in his career, Dr. Kim worked as a senior leader in Secom Intelligent System Lab, Japan and as the Director of the robot business for Samsung Electronics. Since 1999 he has been a professor at the School of Robotics at Kwangwoon University, Seoul, Korea. He has also served as a visiting associate professor of computer science at Stanford University.

Dr. Kim has led the development of more than 400 robots and systems in fields from semiconductors to the bio/medical industry. Recognized as a leader in the robotics industry, Dr. Kim received the Robot Industry of America's (RIA) highest award: the Joseph Engelberger Award for Leadership. He also published two books; “Robots, the Society and Economy” and “Defense Robotics”.

Dr. Kim earned his Ph.D. degree in Robotics from Carnegie Melon University.

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