PRESS RELEASE

Monday, 22 January, 2024

MaxQ receives OARS award from OCAST to develop next generation high throughput plasma thawing technology

MaxQ is pleased to announce the reception of the OARS award from the Oklahoma Center for the Advancement of Science and Technology (OCAST) received on January 3rd, 2024, totaling $336,613.00. This contract is set to begin on February 1, 2024. This grant facilitates the development of an innovative non-electric, non-battery powered plasma thawing device designed for use in massive transfusion and mass casualty situations. This technology reflects MaxQ's commitment to strengthening the nation's blood supply chain and supporting blood bankers in emergency care.

Over the past two decades, the global increase in mass casualty massive transfusion events has highlighted the urgent need for rapid and effective healthcare responses. MaxQ has dedicated the last decade to systematically developing solutions ensuring the safe transport of blood products at precise temperatures. From transporting blood from donor collection sites to the swift delivery of products in emergency rooms, trauma bays, and operating rooms, MaxQ's commitment to innovation is evident.

The introduction of the MaxPlus MTP Cooler® exemplifies this commitment, streamlining the packing and issuance of blood products to hemorrhaging patients in just 30 seconds. Notably, the MaxPlus MTP Cooler was developed with support from a similar OARS award from OCAST, highlighting the impact of strategic partnerships in driving advancements.

As the leading blood packaging solutions provider in the U.S., MaxQ facilitates the transport of over 20,000 blood products daily with near-zero losses. Positioned to revolutionize safe transfusion practices, MaxQ's vision aligns with a commitment to advancing healthcare and saving lives through innovative solutions addressing critical needs at every stage of the transfusion process.

Dylan Gary, Principal Investigator for this OARS award, expresses enthusiasm for the project, stating, "I am delighted by the prospect of this innovative project that will deliver a cost-effective, high-throughput, compact, and user-friendly solution for the safe and rapid on-demand thawing of plasma. Even in environments without electricity access, MaxQ is leveraging its patented technology to craft this compelling and groundbreaking device."

Dr. Arif Rahman, MaxQ's CTO, shares in the excitement, anticipating the next steps in the project with OCAST's invaluable support through the OARS award. "We are thrilled to leverage our patented technology in developing a groundbreaking non-battery powered on-demand plasma thawing device, with immense potential to enhance massive transfusion care. The research holds promising possibilities for positively impacting healthcare practices and represents a significant step forward in advancing medical technology."

Dr. Rahman expresses gratitude, stating, "Our deepest appreciation goes to OCAST for their steadfast support in fostering technological innovation in Oklahoma. Their dedication to advancing science and technology is pivotal in driving economic growth and establishing the state as a prominent center for cutting-edge research. We acknowledge OCAST's instrumental role in empowering companies like ours to contribute to the dynamic landscape of innovation in Oklahoma. Thanks to OCAST's funding and support, together, we're shaping a brighter future and making a significant impact in Oklahoma."

We're delighted to announce our partnership with the Oklahoma Center for the Advancement of Science and Technology (OCAST), a driving force behind innovation and technological-based advancement. Thanks to OCAST's funding and support. Together, we're shaping a brighter future and making a significant impact in Oklahoma.

OCAST
Center for the Advancement of Science & Technology

The Oklahoma Inventor Assistance Service receives state appropriations from the Oklahoma Center for the Advancement of Science and Technology.

MaxQ Research Press Contact

Car Cooper
Marketing Coordinator
carcooper@flymaxq.com