



MURDOCK Study partners with BioStorage Technologies for storage, management of samples

KANNAPOLIS, N.C.—Sept. 28, 2016—Duke University has partnered with BioStorage Technologies, Inc. in Indianapolis for storage and management of the biological samples provided by Kannapolis and Cabarrus County residents for the landmark MURDOCK Study. Study leaders needed to develop an alternative storage option due to the closure of the LabCorp biorepository in Kannapolis this summer, a result of its corporate merger with Covance.

“With no other local biorepository option, we conducted an extensive evaluation process and chose BioStorage Technologies for storage and management of the samples. Our most important objective was to preserve the samples so selflessly provided by our participants,” said L. Kristin Newby, MD, principal investigator for the MURDOCK Study and a Duke University School of Medicine cardiologist. “We are confident that the legacy of our participants in Kannapolis, Cabarrus County and surrounding communities who have made this incredibly important research project possible will be preserved.”

Since 2009, the MURDOCK Study has enrolled more than 12,200 participants, amassing nearly 460,000 samples and related data to form an invaluable resource for future health studies. The MURDOCK Study is Duke’s longitudinal clinical research initiative working to better understand health and disease and based at the North Carolina Research Campus in Kannapolis. The biospecimens donated by MURDOCK Study volunteers are divided to create about 37 samples per participant.

Now located at the BioStorage facility in Indianapolis, the MURDOCK Study samples remain readily accessible to Duke University investigators and collaborators for approved research that will help scientists better understand health and disease and advance precision medicine.

Duke’s MURDOCK Study team remains active in Kannapolis, Cabarrus County and surrounding communities with a strong focus on annual follow-up and engaging participants in how researchers are using their samples to address health questions important to them and the local community. The Duke team continues to grow in Kannapolis and is preparing to launch two additional studies at the North Carolina Research Campus.

“While LabCorp’s closure unfortunately necessitated the relocation of the samples, we will continue to explore options that could return the samples to North Carolina. Regardless of where the samples are stored, the MURDOCK team in Kannapolis will continue managing access to the samples for biomedical studies across the U.S. and internationally,” Newby said. “I have no doubt that the research that will be performed in coming decades using the MURDOCK samples will change the practice of medicine and significantly increase our understanding of human biology.”



About the MURDOCK Study

The MURDOCK Study (Measurement to Understand the Reclassification of Disease of Cabarrus/Kannapolis) is Duke University's longitudinal clinical research initiative working to reclassify health and disease and advance precision medicine. The MURDOCK Study began in 2007 at the North Carolina Research Campus in Kannapolis, NC, and is led by L. Kristin Newby, MD, MHS, professor of medicine in the Division of Cardiology at Duke University School of Medicine and co-director of the Cardiac Care Unit at Duke University Hospital. To learn more, visit www.murdock-study.org.

About BioStorage Technologies, Inc.

BioStorage Technologies, Inc., a subsidiary of Brooks Automation, Inc., is a global leader of comprehensive sample lifecycle management solutions for the bioscience industry. Our solutions include flexible onsite or offsite sample storage models, an expert team of sample management consultants, industry-leading temperature-controlled storage facilities, global logistics services including our Relofleet® mobile biorepository, innovative sample bioprocessing and ISIDOR®, our transformational technology solution for integrating research samples and data. The company supports hundreds of bioscience clients around the world including the top 20 biopharmaceutical companies in maximizing opportunities, minimizing risk and reducing costs. For more information, visit www.biostorage.com.

Media contact:

Emily Ford, communications specialist
Duke Translational Research Institute
MURDOCK Study
704-642-2208
emily.ford@duke.edu