

# 2019 BUCKEYE CRUISE FUND A NEED

## Cell Therapy Process Development Lab

By using cellular therapy, OSUCCC – James specialists are able to harness a patient's immune system, expanding it and unleashing it to fight back against cancer. Through innovative therapies such as CAR T-cell therapy and others, these therapies are now sometimes serving as a first-line treatment in many cases – often offering an effective, less harsh treatment plan than chemotherapy or radiation therapy.

Before a researcher's idea can be used to treat a patient, the processes for manufacturing the cells must be scaled up, optimized and brought into compliance with FDA regulations. The addition of a second Cell Therapy Laboratory that is focused on this process development stage, along with a trio of clinical-grade manufacturing devices, will allow the cell therapy team to develop new processes without interrupting the clinical manufacturing of a rapidly growing number of patient cell therapy products.

