Microbiome Core Established at UA Steele Children’s Research Center

New Core Facility at the University of Arizona provides ‘end-to-end’ technical and research support to study microbial communities' structure and function.

Contact: Ashley Hammarstrom, 520-626-4036
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TUCSON, Ariz. – The University of Arizona Steele Children’s Research Center has launched a new “core facility” to support the scientific studies of microbial communities by next-generation sequencing.

This core facility serves all UA investigators, as well as researchers from other academic institutions and industries with an interest in microbiome analysis. It provides the research community the facility and expertise to characterize complex microbial communities and microbial interactions using state-of-the-art instrumentation and highly trained personnel who provide support ranging from experimental design to data analysis. These individuals are proficient in processing and analyzing samples from a large variety of sources, including human and animal models of human disease as well as all environmental samples, such as soil and water.

To learn more about the Microbiome Core at the UA Steele Children’s Research Center, please visit the website at www.peds.arizona.edu/steele/microbiome-core, or contact Daniel Laubitz, PhD, core director, at 520-626-1401, laubitz@email.arizona.edu.

The Microbiome Core is listed on iLab Cores at the University of Arizona and all service requests can be submitted through this platform: https://ua.ilab.agilent.com/service_center/show_external/4845?name=microbiome-core-at-steele-children-s-research-center

About the UA Steele Children’s Research Center

The UA Steele Children’s Research Center is one of the prestigious Centers of Excellence at the UA College of Medicine – Tucson at the University of Arizona Health Sciences. It is the state’s only academic pediatric research center designated by the Arizona Board of Regents, and the only facility in Southern Arizona where researchers and physician-scientists are dedicated to advancing medical knowledge through basic and translational research to improve children’s health. As researchers, they seek to discover answers to children’s medical mysteries. As physician-scientists, they provide compassionate care to hospitalized patients at Banner Children’s at Diamond Children’s Medical Center and pediatric outpatient clinics throughout Tucson and the state. And, as faculty members with the UA Department of Pediatrics, they teach and train the next generation of pediatricians and researchers.

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