

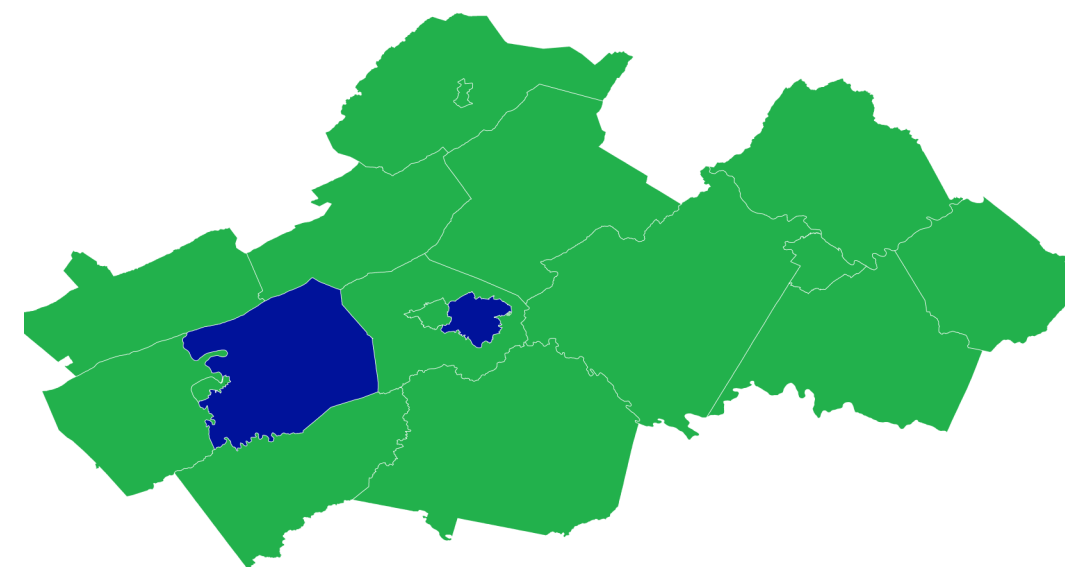
GMP CLEAN (Good Manufacturing Practices: Cleanroom manufacturing for Local Engineering Advancement in the New river & Roanoke valleys)

Fralin Biomedical Research Institute at Virginia Tech Carilion

Roanoke City, Montgomery County

Project Start Date: 10/1/2024

Project End Date: 10/1/2025



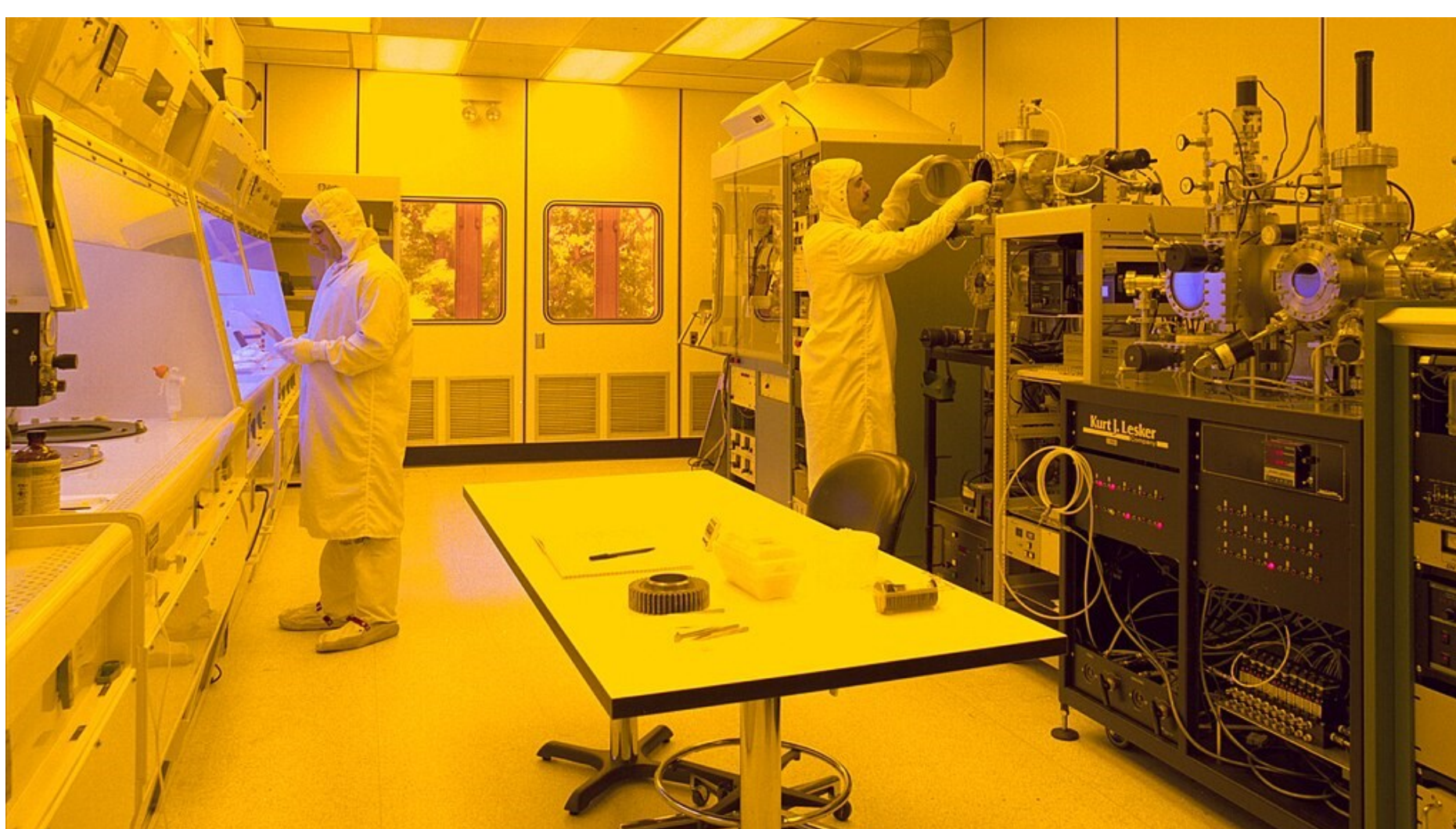
Determining the need for high-tech cleanrooms in Region 2.

GMP CLEAN will address the need for cleanroom space through planning activities geared toward surveying region-wide and statewide needs. The project will implement a pilot cleanroom space at the Fralin Biomedical Research Institute, impacting a range of industries related to the Life Science & Biotechnology industry cluster. The pilot cleanroom space in this project will be utilized to test and promote a state-of-the-art modular cleanroom model and will see use from three local startup companies to manufacture biomedicines: The Tiny Cargo Company, Qentoros, and Acomhal Research.

ACTIVITIES

Inventory and Needs Assessment

Pilot Cleanroom



For more information, please contact:
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Many companies require GMP-level manufacturing to create sterile pharmaceutical products that are required for clinical trials but are not able to access these resources using currently existing region infrastructure, highlighting the potential to lose valuable businesses in 2024 if we do not address this lack of infrastructure. Modular cleanroom spaces may be able to fill this need and can be installed within existing facilities at a much lower cost than full-scale new construction. - Spencer Marsh, Tiny Cargo Company