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Thermo Fisher Scientific expands viral vector manufacturing capabilities in US

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New state-of-the-art facility in Plainville, Mass., to manufacture materials central to production of gene-based therapeutics



Thermo Fisher Scientific, the world leader in serving science, has expanded its cell and gene therapy capabilities with the opening of its new previously announced viral vector manufacturing facility in Plainville, Mass. The 300,000 square foot, state-of-the-art site will add approximately 300 jobs to support the development, testing and manufacture of viral vectors, which are critical components in the development and commercialization of gene therapies.

The new cGMP-compliant Plainville facility significantly expands the company's clinical and commercial viral vector capacity to six sites in the U.S and Europe. The site features sustainable construction design, flexible laboratory and production suites, adjacent warehousing, and office space, as well as Thermo Fisher's advanced bioproduction and analytical instrumentation technologies.

The new facility is part of an investment strategy to provide customers with fully integrated capabilities that connect the entire cell and gene therapy value chain — from early development and clinical scale-up to commercial manufacturing. These include translational sciences labs for early-stage development; plasmid DNA manufacturing; viral vector services; cell therapy manufacturing; and, integrated commercial packaging and distribution services. With over 20 years of experience in cGMP viral vector manufacturing, the company has produced more than 130 viral vector products used to develop treatments for cancer, blood disorders and other genetic diseases.