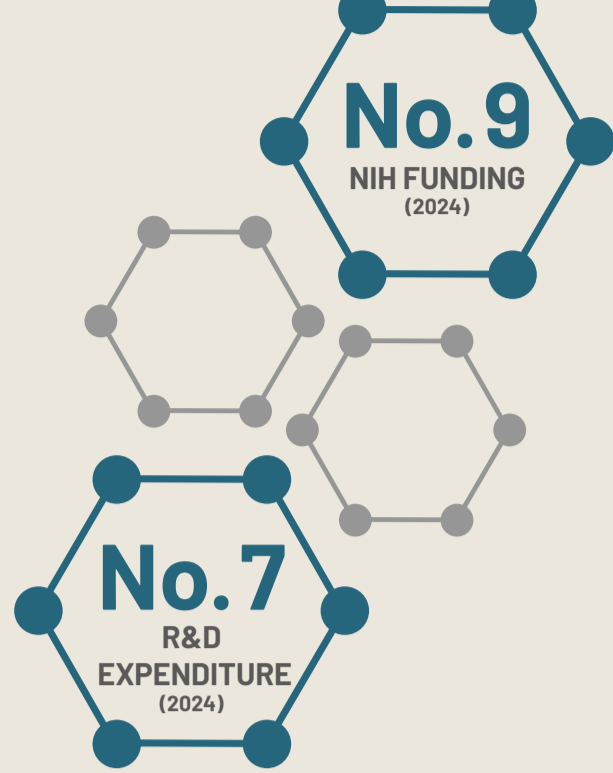


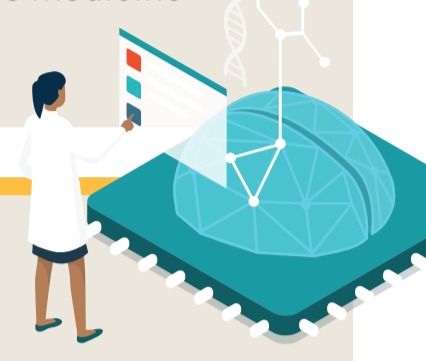
FROM LIFE SCIENCES LEGACY TO FUTURE FRONTIERS

What is driving Pittsburgh's emerging life sciences ecosystem?

A History of Healthcare Hallmarks



Pittsburgh has been the birthplace of medical miracles for decades and many of them have involved the great minds at the **University of Pittsburgh (Pitt)**. Here, visionaries have repeatedly transformed the impossible into reality, from Jonas Salk's groundbreaking polio vaccine in the 1950s to Thomas Starzl's transplant and immunosuppression breakthroughs in the 1980s. There's also the development of modern CPR and the latest innovations in artificial heart technology that have bolstered Pitt's reputation as a pioneer of life-saving innovations. Today, the legacy continues in fast-growing areas like regenerative medicine and gene therapy.



Catalysts for Biotech Breakthroughs

Pittsburgh's massive healthcare systems are not just treating patients; they're incubating the future of medicine. Allegheny Health Network (AHN) has partnered with seed-stage investor Innovation Works to run **AlphaLab Health**, the area's first life sciences startup accelerator. Across town, the University of Pittsburgh Medical Center (UPMC) has committed \$1B over four years through **UPMC Enterprises** to commercialize groundbreaking drugs, diagnostics and devices. One of its portfolio companies, Pittsburgh-based **Abridge**, recently earned one of the largest funding rounds ever made for generative AI in healthcare.



Merging Minds, Machines & Medicine

Pittsburgh's unique blend of expertise in tech, manufacturing, and life sciences is creating a powerful synergy to tackle healthcare challenges. The **Pittsburgh Health Data Alliance**, a collaboration between Carnegie Mellon University, the University of Pittsburgh, and UPMC, exemplifies this convergence by harnessing human-centered AI to prevent disease and improve care. Simultaneously, the region's advanced manufacturing prowess, particularly in areas like advanced materials, 3D printing and robotics, is fueling rapid prototyping and production of innovative medical devices, driving growth in this critical subsector.



The Space for Companies to Grow in Pittsburgh

The Assembly: This 355,000 square-foot life sciences hub in the city's East End offers state-of-the-art lab and office spaces. Designed for biotech innovation, it provides a collaborative ecosystem for researchers and startups to develop cutting-edge life science technologies.



The Riviera: Located in the Pittsburgh Innovation District, this former steel mill site has transformed into 160,000 square feet of lab and office space. Its flexible configurations cater to growing companies, fostering an environment where life sciences breakthroughs can flourish.

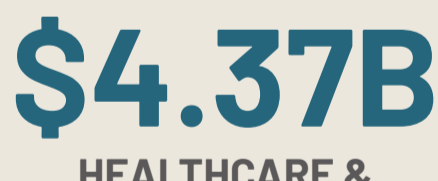


BioForge: Set on the riverfront southeast of Pittsburgh, BioForge will provide 185,000 square feet of cutting-edge biomanufacturing space. Equipped with high-tech manufacturing, wet lab, and incubation spaces, it is tailored for cell and gene therapy production, accelerating Pittsburgh's position in advanced therapeutics.



Gene Therapy Production Has a New Home

Pittsburgh's life sciences sector is attracting significant manufacturing investments, affirming its status as an industry powerhouse. Homegrown success story **Krystal Biotech** has built a 100,000 square foot gene manufacturing facility, its second in the area, that will create as many as 200 new jobs. Meanwhile, Boston-based **ElevateBio** is partnering with the University of Pittsburgh on a new \$250 million biomanufacturing center. Both are landmark projects that underscore Pittsburgh's appeal as a prime location for GMP facilities.



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