

LIFE SCIENCES & HEALTHCARE

The Pittsburgh region offers the perfect ecosystem for life sciences innovation and commercialization. We're home to two major, world-class hospital systems, Allegheny Health Network and University of Pittsburgh Medical Center (UPMC), and two Tier 1 research universities located within the same one square mile, University of Pittsburgh and Carnegie Mellon University. Combine those assets with Pittsburgh's unique culture of collaboration across sectors, and it's easy to see why the region is poised for powerhouse status — a place where the convergence of tech, manufacturing and life sciences is producing solutions to some of the world's biggest healthcare challenges.

5800+

life sciences and healthcare establishments

\$983M

R&D expenditures

\$4.6B

healthcare and life sciences capital investment (2010-20)

Research Anchoring the Ecosystem



The University of Pittsburgh is a national leader in life sciences research. It earned \$675M in NIH grants in 2022, ranking third nationally; the university also ranked ninth nationally in life sciences R&D expenditures.

Organizations Supporting the Ecosystem

LifeX™  **alphalabhealth®**

UPMC Enterprises

Top emerging life sciences ecosystem



World Class Healthcare & Life Sciences Institutions



- \$1B+ investment in hospital expansions
- Launched AlphaLab Health accelerator in 2020 with seed-stage investor Innovation Works



- \$2B investment in three new specialty hospitals
- UPMC Enterprises announced \$1B investment over four years to commercialize new drugs, diagnostics and devices



The new UPMC Mercy Pavilion

Photo credit: HOK

Growing Ecosystem Players



Krystal Biotech is a gene therapy company that uses its proprietary Skin TARgeted Delivery (STAR-D) platform to develop and commercialize treatments for rare dermatological diseases. Most notably, Krystal developed the first and only FDA-approved drug to treat dystrophic epidermolysis bullosa.



Parcel Health aims to solve global healthcare industry problems with innovative product and technology solutions. Its Phill Box is the first fully recyclable and compostable medication packaging to reach pharmacies.

Smith+Nephew

Smith+Nephew is a medical technology company that develops robot-assisted surgical devices to help with the repair, regeneration and replacement of soft and hard tissue.



ZOLL Life Vest provides life-saving therapy solutions for patients suffering from cardiac complications. Its wearable LifeVest defibrillator detects heart abnormalities and provides on-the-spot treatment to patients.



Transforming Human Health and Wellness

ElevateBio is a technology-driven company focused on accelerating transformative cell and gene therapies. An 80,000 SF ElevateBio BaseCamp manufacturing facility will be an anchor at University of Pittsburgh's BioForge facility at Hazelwood Green. Those that make up the 170+ high-paying, permanent positions will accelerate access to the cutting-edge technologies and expertise that will change the future of medicine, right here in Pittsburgh.

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Pittsburgh Region. Next is Now. is brought to you by the Pittsburgh Regional Alliance, the economic development organization for the 10-county Pittsburgh region.

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