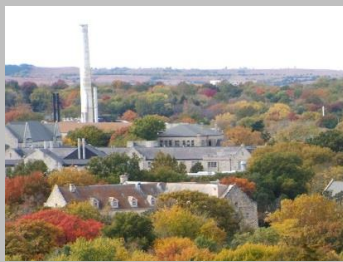


Innovation at Work Kansas

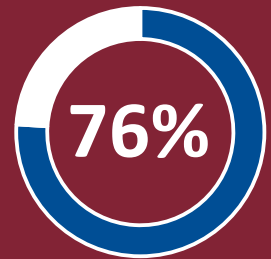


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$6.7 billion

Total Employment
Supported by the
Biopharmaceutical Sector

26,645



A majority of Americans agree that even if it brings no immediate benefits, basic scientific research that advances the frontiers of knowledge is necessary and should be supported by the federal government.

Local Perspective: Leavenworth, KS



Jenna Bell, 32, American Heart Association advocate

"Congress should invest in research to improve health and stop the #1 killer in our country: heart disease. You swore to protect us from 'enemies, foreign and domestic.' Heart disease is our enemy. Protect us."



Kansans who died from
heart disease in 2014

5,479

Total NIH Award Funding
(FY16)

\$91 million

Research in the Sunflower State

Celgene and University of Kansas Medical Center, Kansas City, KS

In collaboration with KU, Celgene is conducting phase I clinical trials to determine the safety and efficacy of combining Romidepsin, used to treat a form of lymphoma, with Cisplatin, used against multiple forms of cancer, to treat a recurring form of breast cancer.

University of Kansas Center for Research Inc, Lawrence, KS

National Science Foundation (NSF)-funded researchers at KU are working to understand the role of certain proteins in causing a bacterial infection commonly found in patients with a weakened immune system. Unlocking the cause of this infection may ultimately lead to new treatments that target those proteins.

Kansas State University, Manhattan, KS

The National Institutes of Health (NIH) is funding KSU researchers who are working to develop a safe and broadly protective vaccine against enterotoxigenic *E. coli* (ETEC). This form of *E. coli* is the most common bacterial cause of diarrhea in children in developing countries. Each year, diarrhea leads to the death of up to 300,000 children globally.