

Innovation at Work Kentucky

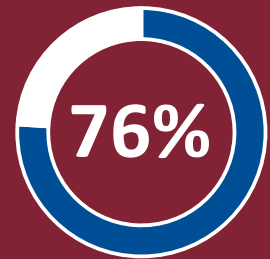


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$4.4 billion

Total Employment
Supported by the
Biopharmaceutical Sector

19,686



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: Owensboro, KY



"EB can be incomprehensible agony for many living with it. Medical research is crucial because we need effective treatments and a better quality of life for those who are suffering."

Jason Bartley and Lacy Kennedy, parents of Silas, 3 years old, living with epidermolysis bullosa (EB)



Kentuckians with a
Rare Disease

1 in 10

Total NIH Award Funding
(FY16)

\$164 million

Research in the Bluegrass State

University of Kentucky, Lexington, Kentucky

The National Institutes of Health (NIH) is funding University of Kentucky researchers as they work to gain a better understanding of the basic biochemistry of lung cancer, the leading cause of cancer-related deaths in the U.S., in order to improve early detection methods.

Endoprotech, Inc. Louisville, KY

Through a Small Business Innovation and Research grant from NIH, researchers at Endoprotech are using a novel manipulation of fatty proteins that reinvigorate otherwise dead sections of the heart muscle to explore ways of reducing and reversing the damage caused by heart attacks.

University of Louisville, Louisville, KY

Researchers at University of Louisville recently received a grant from Agency for Healthcare Research and Quality (AHRQ) to ensure information on effective therapy options for depression reach primary care facilities. Broad access to updated treatment strategies is key to addressing this debilitating and costly mental health threat.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURES OF AMERICAN (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCH AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JUNE 2016, SMALL BUSINESS INNOVATION AND RESEARCH, UNIVERSITY OF LOUISVILLE.