

Innovation at Work Maryland

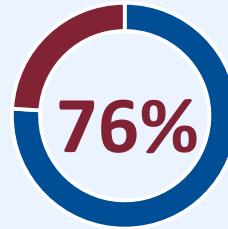


Total Employment
Supported by the
Biopharmaceutical Sector

107,579

Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$26.0 billion



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.

Total NIH Award
Funding (FY16)

\$1,466 million

Local Perspective:
Baltimore, MD



"I support research because scientific advancements benefit everyone. Securing stable funding for science research is key to cultivating innovative ideas and discoveries to move society forward."

Daniel Pham, 29, Ph.D. Candidate at Johns Hopkins University

Local Perspective:
Elkridge, MD



Trish Lannon, 49, Fight Colorectal Cancer advocate

"Congress should invest in research to improve health because curing a disease is cheaper than simply managing it or treating it. Research puts the focus on prevention or getting rid of diseases like cancer, which will not only help improve our physical health, but improve our fiscal health."

Research in the Old Line State

National Institute of Allergy and Infectious Diseases (NIAID) and Walter Reed Army Institute

NIAID is conducting phase I clinical trials at Walter Reed Institute testing the safety of a new vaccine against Zika, a virus that has resulted in more than 30,000 infections in the U.S. and territories in 2016.

Johns Hopkins University (JHU), Baltimore, MD

Researchers at JHU have received funding from the National Science Foundation (NSF) to research inhibition methods for protein-protein interactions. These interactions are associated with signaling throughout the entire body and the results of this study may provide targets for future therapeutics for a wide variety of diseases.

GlaxoSmithKline (GSK), Bethesda, MD

The Food and Drug Administration (FDA) has fast-tracked GSK phase II clinical trials testing the safety and efficacy of a combination treatment, dabrafenib and trametinib, for certain forms of skin cancer that cannot be removed by surgery or that have spread to other parts of the body.

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, CLINICALTRIALS.GOV, NATIONAL SCIENCE FOUNDATION.

