Innovation at Work

Hawaii

Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

$880.3 million

Total Employment Supported by the Biopharmaceutical Sector

4,578

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.

Hawaiians who died from heart disease in 2014

2,528

Total NIH Award Funding (FY16)

$54 million

Local Perspective: Honolulu, HI

"Medical research is important to me, simply because it literally saved my life. If it were not for the research money granted to Dr. Diane Pennica from NIH and the research support from Genentech, TpA would likely not to have been cloned for a very long time. I had a severe stroke 8 years ago and TpA saved my life."

Chris McLachlin, American Heart Association advocate

Research in the Aloha State

University of Hawai‘i at Manoa, Honolulu, HI

National Science Foundation (NSF)--funded researchers at the University of Hawai‘i at Manoa are investigating how a specific signaling molecule found in bacteria might help regulate the human microbiome.

Eastern Cooperative Oncology Group (ECOG), Aiea, Honolulu, Kailua, and Lihue, HI

ECOG is conducting phase II clinical trials to test the safety and efficacy of a new medication, dasatinib, to treat localized melanoma. In the U.S., melanoma -- a common form of skin cancer -- results in an estimated 10,000 deaths annually.

Hawai‘i Biotech, Baylor College of Medicine, and Sabin Vaccine Institute, Honolulu, HI

In collaboration with Baylor College of Medicine and the Sabin Vaccine Institute, Hawai‘i Biotech has received funding from the National Institutes of Health (NIH) to develop a vaccine for chikungunya, a painful and potentially debilitating neglected tropical disease for which there is currently no cure.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURES OF AMERICAN (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCHAMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JUNE 2016, NATIONAL SCIENCE FOUNDATION, ALZHEIMER'S ASSOCIATION, CLINICALTRIALS.GOV, HAWAI‘I BIOTECH.