Innovation at Work

Iowa

Total Direct and Indirect Economic Output of the Biopharmaceutical Sector
$5.7 billion

Total Employment Supported by the Biopharmaceutical Sector
22,496

Iowans with a rare disease
1 in 10

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: Davenport, IA

"Medical research is important to me because my son Cody at 19 was diagnosed with a rare disease, fibrosing mediastinitis, with no known cure or treatment. He passed away 4 years later from the symptoms."

Sharon Ponce, NORD advocate

Research in the Hawkeye State

Iowa State University, Ames, IA
Cardiovascular disease (CVD) accounts for one-third of mortality in the U.S. Because physical inactivity is a major risk factor for CVD, researchers at Iowa State University are testing whether a behavioral intervention of aerobic exercise, resistance exercise or a combination of both is most effective in preventing the disease.

National Surgical Adjuvant Breast and Bowel Project (NSABP) Foundation and Bayer, Davenport,
The recurrence rate for stage III cancer following surgery is 50-80%, with the survival rate for stage IIIB and IIIC colon cancer 69% and 53%, respectively. NSABP Foundation and Bayer are collaborating to conduct phase III clinical trials to test the safety and effectiveness of a treatment to extend periods of remission and overall survival for late-stage colon cancers.

University of Iowa Hospitals and Clinics, Women's Health Clinic, Iowa City, IA
Researchers at the University of Iowa Hospitals and Clinics, Women’s Health Clinic are conducting a clinical trial on treatment regimens for women with polycystic ovary syndrome and infertility. This work may help determine appropriate treatment regimens for women trying to conceive.

SOURCES: NATIONAL INSTITUTES OF HEALTH (NIH), PHARMACEUTICAL RESEARCH AND MANUFACTURERS OF AMERICA (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), A RESEARCH!AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JANUARY 2017, CLINICALTRIALS.GOV, UIHC.