

Why Invest in NIH?

By ensuring steady and sustainable annual increases to the budget for the **National Institutes of Health**, Congress can save and improve lives, advance innovation and fuel the economy. Here are some other reasons why Congress must act to **#keepNIHstrong**.



While significant progress has been made to understand, treat and cure many of our most chronic and costly diseases, there is still so much work to be done to address the diseases we know about — and those on the horizon.



DID YOU KNOW

660,000+ U.S. **lives** have been lost to COVID-19; economists estimate the coronavirus pandemic will cost the nation at least **\$16 trillion**.



Deaths from **Alzheimer's disease** increased **145%** from 2000 to 2019. In 2021, Alzheimer's and other dementias will cost the U.S. an estimated **\$355 billion**.



Tremendous progress in the fight against cancer led to a **31% drop in cancer deaths** between 1991 and 2018. Still, **1.9 million new cancer cases** will be diagnosed and **608,570** people will lose their lives to cancer in 2021. Cancer will cost the U.S. **\$281 billion** this year.



Heart disease is the **#1 killer** in the United States, taking **659,041** lives and costing nearly **\$220 billion** annually.

Each year, chronic diseases cost the U.S. **3.7 trillion dollars** That's equal to 1/5th of the U.S. economy.



The value of research-related gains in life expectancy from 1970 to 2000 was **\$95 trillion**.



Yet, **less than 2%** of the federal budget goes toward medical research and funding the NIH.



Study identifies new **Alzheimer's treatment targets**; points to drugs with potential to slow or reverse brain damage.



Engineers create new **diagnostic nanoparticle** able to detect cancer cells and tumor location.



Discovery clarifies the problem of **T-cell "exhaustion,"** providing lessons for immune-based therapy research.



Scientists identify way to predict **immunological decline** as well as likelihood of incurring age-associated diseases and becoming frail.

NIH-supported research is advancing our knowledge and ability to treat disease.



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1 Responding to COVID-19

2 Reducing the Human & Economic Toll of Disease

3 Making Amazing Things Possible

4 Developing the Next Generation of Researchers

5 Enabling Patient Stories