

Biomedical Research Funding-at-a-Glance **Florida**



National Institutes of Health Funding for Florida¹

- In FY2016, Florida received 835 NIH-funded grants through normal appropriations process, totaling \$346,944,354.
- This represents a cut of \$174.9 million from FY2015 and 270 fewer grants.

National Science Foundation Funding for Florida²

- In FY2016, NSF provided 587 awards totaling over \$187 million.

NIH Helping Communities

What does NIH funding mean for the Florida economy?

- In FY2007, each NIH dollar invested in Florida generated \$2.15 in new state business activity³.
- In FY2016, the NIH supported \$1.698 billion in economic activity and 12,147 jobs⁴.

Life Science Industry Impact⁵

- There are over 1,100 life science companies and more than 46,000 healthcare establishments in Florida.
- Research and development in biotechnology yields an average annual wage of \$81,686.
- 25,000 individuals are employed in the life science sector.

Scientific developments made possible through NIH Funding

- Intezyne Technologies developed a nanocarrier to deliver the chemotherapeutic drug doxorubicin to the tumor, technology that can be further developed and commercialized⁶.
- In order to develop new drugs for malaria, the University of South Florida will study the genes critical for parasite development, on which drug discovery projects can be initiated⁷.
- The Moffitt Cancer Center has had several new immunotherapeutic antibodies approved to treat advanced stage lung cancer. Though still in its early phases, these could be further developed to become more effective treatments⁸.

“With the nation’s #2 largest medical device manufacturing industry, #3 largest pharmaceutical manufacturing industry, #8 largest biotech R&D industry – Florida has the prescription for industry success⁵.”

Over \$1 billion is invested annually on life science R&D by Florida universities⁵

As of October 2016, there were 17,899 clinical trials in Florida⁹



¹All information current as of 7/2017, as stated at www.nih.gov

²All information current as of 7/2017, as stated at www.nsf.gov

³In Your Own Backyard: How NIH Funding Helps Your State’s Economy, Families USA’s Global Health Initiative, June 2008

⁴United for Medical Research Report, NIH by state 2016

⁵Enterprise Florida, The Future is Here Life Sciences

⁶Micellar Daunorubicin for the Treatment of Bone Cancer, NIH Research Portfolio Online Reporting Tools

⁷A Large-Scale Transposon Mutagenesis Screen of Plasmodium Falciparum, NIH Research Portfolio Online Reporting Tools

⁸Histone Deacetylase Inhibitors Enhance Immunotherapy in Lung cancer Models, Say Moffitt Cancer Center Researchers, 2016

⁹Clinicaltrials.gov, NIH 2016

