### National Institutes of Health Funding for Connecticut

- In FY2016, Connecticut received 1,179 NIH-funded grants through normal appropriations process, totaling $510,609,681.
- This represents an increase of $49 million from FY2015 and 253 more grants.

### National Science Foundation Funding for Connecticut

- In FY2016, NSF provided 282 awards totaling $79,651,000.

### NIH Helping Communities

**What does NIH funding mean for the Connecticut economy?**

- In FY2007, each NIH dollar invested in Connecticut generated $1.95 in new state business activity.
- In FY2016, the NIH supported $1.185 billion in economic activity and 5,968 jobs.

**Life Science Industry Impact**

- 23,969 jobs in the biopharmaceutical industry are supported by 853 businesses.
- The life science industry employs over 18,000 people and spends more than $6 billion annually.
- There are over 70 companies dedicated to the life sciences sector.

### Scientific developments made possible through NIH Funding

- A therapy to cure babesiosis was created by a Yale University-led team to combat the emerging infectious disease, transferable through the same ticks that inflict Lyme disease.
- Yale University has found that herpes is one of the causes to the seemingly unrelated symptoms of constipation and urinary retention, by studying a mechanism that was previously unknown.
- Stephanie Knowlton of University of Connecticut has developed a low-cost device to monitor and diagnose sickle cell disease. Using a cell phone and magnets, her device separated particles on their magnetic signatures to analyze the image of blood cells.

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"Biotech is thriving today in Connecticut because of research being done at local colleges and universities, including Yale. This research has spawned into a commercial industry that continues to grow."

From 2005 to 2009, more than $430 million in venture capital was invested in biotech firms.

As of October 2015, there were 6,506 clinical trials in Connecticut.