

Innovation at Work Louisiana

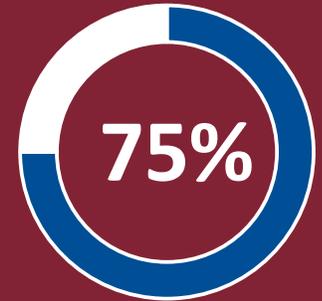


Total Direct and Indirect
Economic Output of the
Biopharmaceutical Sector

\$2.7 billion

Total Employment
Supported by the
Biopharmaceutical Sector

11,455



75%

A majority of Louisianans say
spending money on medical research
is important to Louisiana's economy
in terms of jobs and incomes.

**Local Perspective:
Baker, LA**



*"Medical research is
important to me because the
majority of medical doctors
have only heard of this
disease in the medical books.
It needs to become a known
disease so we can 'HEAL OUR
SKIN'."*

Doris Chenier, living with
pemphigus vulgaris



Louisianans with a Rare
Disease

1 in 10

Total NIH Award Funding
(FY14)

\$129 million

Research in the Pelican State

University of Texas Southwestern Medical Center, Texas Health Resources, University of Kansas Medical Center, Washington University School of Medicine, Michigan State University and Pennington Biomedical Research Center, Baton Rouge, LA

Pennington, in collaboration with five other organizations across four different states, is collecting information about risk factors associated with Alzheimer's disease in older adults. Researchers are working to understand if reversing physical inactivity, high blood pressure, and high cholesterol will lead to improvements in the cognitive function of at-risk adults.

Tulane University, New Orleans, LA

Researchers at Tulane, supported by the National Institutes of Health (NIH), are focused on developing multiple antimicrobial peptides (AMP). AMP, which contribute to the body's defenses against harmful bacteria, could prove beneficial in combating drug-resistant infections.

Louisiana State University (LSU), Baton Rouge, LA

An increased understanding of the human immune system is crucial to the development of therapeutics that complement and support our body's ability to protect itself. The National Science Foundation (NSF) is funding researchers at LSU who are investigating the role of a specific protein in the development of T cells, a major component of our immune system.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURERS OF AMERICA (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCH AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN FEBRUARY 2016, NATIONAL SCIENCE FOUNDATION, CLINICALTRIALS.GOV.