

# Innovation at Work Arizona



Total Direct and Indirect Economic Output of the Biopharmaceutical Sector

**\$10.6 billion**

Total Employment Supported by the Biopharmaceutical Sector

**48,259**

**64%**

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: Cave Creek, AZ**

Patti Meese, living with Parkinson's disease

*"Members of Congress should support research because it's paramount in finding a cure! I'll work with them and the entire research community until no one ever again hears those four horrible words: 'You have Parkinson's disease.'"*

Percentage of Arizonans 65 and older who were reported as disabled in 2014

**36.2%**

Total NIH Award Funding (FY17)

**\$189 million**

## Research in the Grand Canyon State

### *Celgene, Phoenix, AZ*

Celgene is conducting phase III clinical trials to test the safety and efficacy of a new drug for the treatment of Behçet's disease, an autoimmune disease that can result in loss of vision, arthritis and other serious health issues.

### *Phoenix Indian Medical Center, Phoenix, AZ*

The National Institute of Diabetes and Digestive and Kidney Diseases is funding a Phoenix Indian Medical Center study examining how the lifestyle, environment and health status of pregnant mothers affects childhood obesity and diabetes. The study will follow mothers and their children from pregnancy to adulthood, to assess how early risk factors influence health.

### *University of Arizona, Tucson, AZ*

Every year, 10 million people worldwide survive a stroke. Research suggests approximately one-third of those survivors will develop dementia. Researchers at the University of Arizona have received NIH funding to investigate this relationship and develop new methods to improve the brain's ability to repair stroke-related damage.

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