**Research in Cowboy Country**

**Astellas, Oklahoma City, OK**
Astellas is conducting clinical trials to test the safety and effectiveness of a potential new treatment for acute myeloid leukemia (AML), a life-threatening blood cancer diagnosed in approximately 20,000 Americans each year.

**Oklahoma Medical Research Foundation, Oklahoma City, OK**
Sepsis, or blood poisoning, leads to severe inflammation and increased blood clotting, which may contribute to multiple organ failure and death. Researchers at the Oklahoma Medical Research Foundation, funded by the National Institutes of Health (NIH), are studying the relationship between blood clotting and inflammation during sepsis and whether reducing inflammation can prevent organ failure and improve patient outcomes.

**University of Tulsa, Tulsa, OK**
Chronic musculoskeletal diseases (MD) result in severe pain and functionality loss. Researchers at the University of Tulsa are studying the ability of relaxation and biofeedback therapy to improve chronic pain management in MD patients. This therapy would be a non-prescription based method to manage chronic pain.

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**Local Perspective: Norman, OK**
"I support research because I am hopeful that one day they will be able to find better treatments or even a cure for arthritis, and I would hope that members of congress would hope the same. The health of our citizens should be a number one priority in the United States."

Caroline Brown, Arthritis Foundation advocate

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**Total Direct and Indirect Economic Output of the Biopharmaceutical Sector**
$3 billion

**Total Employment Supported by the Biopharmaceutical Sector**
12,750

**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.

**Oklahomans 65 and older with Alzheimer's disease in 2016**
62,000

**Total NIH Award Funding (FY17)**
$92 million

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**Sources:** National Institutes of Health (NIH), Pharmaceutical Research and Manufacturers of America (PhRMA), Centers for Disease Control and Prevention (CDC), A Research!America Survey of U.S. Adults Conducted in Partnership with Zogby Analytics in January 2017, ClinicalTrials.gov.