

Innovation at Work Iowa



Research in the Hawkeye State

Emmyon Inc., Coralville, IA

Skeletal muscular atrophy is the deterioration of muscles due to aging, malnutrition, or illness that can result in increased risk of mortality in the elderly. With treatment options lacking, National Institutes of Health (NIH)-funded researchers at Emmyon Inc. are working to develop a new intervention to combat this debilitating condition.

National Surgical Adjuvant Breast and Bowel Project (NSABP) Foundation and Bayer,

The recurrence rate for stage III cancer following surgery is 50-80%, with the survival rate for stage IIIB and IIIC colon cancer 69% and 53%, respectively. NSABP Foundation and Bayer are collaborating to conduct phase III clinical trials to test the safety and effectiveness of a treatment to extend periods of remission and overall survival for late-stage colon

University of Iowa, Iowa City, IA

NIH-funded researchers at the University of Iowa are investigating *Pseudomonas aeruginosa*, a bacteria often associated with cystic fibrosis and traumatic burn infections, to better understand the mechanisms resulting in infections. Researchers hope to leverage these findings to identify potential effective targets for future therapeutics.

SOURCES: NATIONAL INSTITUTES OF HEALTH, PHARMACEUTICAL RESEARCH AND MANUFACTURES OF AMERICAN (PHRMA), CENTERS FOR DISEASE CONTROL AND PREVENTION, A RESEARCHAMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JUNE 2016, CLINICALTRIALS.GOV.