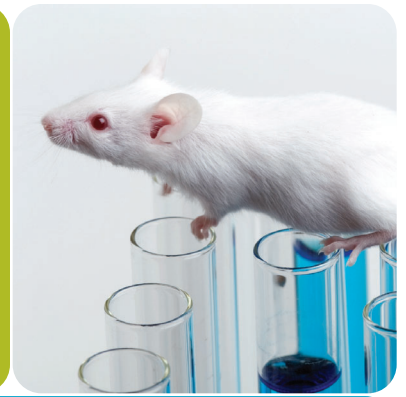


animal research saves lives



We in the scientific community are committed to advancing knowledge that is critical to the development of safe and effective medical therapies needed by individual patients and even animals. The humane use of animals in research is essential in this effort, at least for the foreseeable future.

key messages

1

Animal
Research
Saves Lives

The humane use of animals in biomedical research is critical to advancing science and developing new medical treatments to benefit people and animals.

Animal research has led to effective treatments for serious illnesses (diabetes, leukemia, HIV/AIDS, cardiovascular disease), vaccines to prevent polio, rabies, and measles, new diagnostic tests for early treatment (cancer, heart disease), and even elimination of smallpox as a U.S. public health threat.

Surgical procedures evolve from animal models, (e.g., pigs used in developing new cardiac surgery techniques and organ transplants). Animal use aids bioengineering advances (stents, pacemakers, joint replacements) and imaging technology.

Animal research benefits animals. Dog and cat longevity and health are enhanced by medicines and vaccines. Research contributes to farm animal welfare and techniques to save endangered species. The same research often helps both humans and animals (treatments for arthritis, neurological disorders, Lyme disease, organ transplants, cancer therapies).

2

Animal
Research
is Humane

Scientists routinely seek and use alternatives to experimental animals wherever those alternatives provide reliable data, reducing the number of animals needed to fulfill the study requirements posed by the U.S. Food and Drug Administration.

The Animal Welfare Act, regulations, policies, oversight, and voluntary facility accreditation all protect laboratory animals.

“The 3Rs”: **Reduce** the number of animals used. **Refine** studies to ensure humane conditions. **Replace** animals with other models whenever possible.

Most research studies don’t cause significant pain or distress. Care is taken to protect animals from undue stress, which can also distort study results.

3

Animal
Research
is Necessary
for Medical
Progress

Laboratory animals give us the most reliable safety assurances we can have about medical therapies and provide us with access to complex biologic systems in lieu of human experimentation.

Animal research is required by federal regulatory agencies. The responsible and humane use of animals in research provides the most reliable and ethical study methods for ensuring safety and advancing our understanding of ourselves and the biological systems.

Animal research is integral to ongoing research, (e.g., spinal cord repair, stem cell treatments, Parkinson’s, and Alzheimer’s); gene therapy (muscular dystrophy, diabetes); molecularly targeted cancer medicines.

Animal research cannot be completely replaced by non-animal methods today. Computer models and cell cultures can’t give vital information about the safety and efficacy of a substance in a living system.

Animal research is essential, but only part of the story. It is used with epidemiological studies, computer modeling, tissue/cell cultures, and human trials to understand the efficacy and safety of new medicines.





we need your help

Scientists, patients, teachers, educational institutions, hospitals, health care groups, and ordinary citizens are joining with the nation's research advocacy groups to inform the public of the importance of animal research—but they can't succeed without YOU!

The Foundation for Biomedical Research (FBR), a national pro-science educational foundation, is launching an educational and awareness campaign to raise public understanding of the essential role animals play in medical and other research. The campaign comes at a time when biomedical research faces severe challenges and threats from animal advocacy groups, extreme activists, and pending legislation, worldwide. The formal educational campaign is funded by FBR and its supporters. Different communication media will be used nationwide to spread messages and to ensure a wide audience of the public is reached: radio and TV spots, magazine articles, billboard displays, electronic and print media, and more formal educational efforts.

how you can help

Educating Employees and Stakeholders – Patient safety is critical to developing new medicines. Help everyone in your organization and industry to get comfortable speaking about the value and benefits of animal research.

Speaking Up for Research – This can be as simple as talking about the importance of animal research to friends and neighbors or going a step beyond and making formal

presentations to community or business groups. The groups listed below can provide you with materials and the training you need to be an influential advocate for research.

Making a Financial Contribution – Every contribution, regardless of size, is important and will be put to critical use in promoting biomedical research. **These organizations need you!**

The Foundation for Biomedical Research (FBR), the nation's oldest and largest organization dedicated to improving human and veterinary health by promoting public understanding and support for animal research, is launching RESEARCH SAVES, a national awareness campaign. See www.FBRResearch.org

States United for Biomedical Research (SUBR), a network of groups across America who have joined forces to promote health through science and education and have a range of programs and resources for K-12 students and teachers. Additionally, they focus at local and state levels on issues that might affect animal research in their area. See www.StatesforBiomed.org

Americans for Medical Progress (AMP), provides news and information for the research community and through its RAISING VOICES, SAVING LIVES campaign is helping to develop the next generation of research advocates with public outreach fellowship programs for college students and DVDs designed for young professionals in the life sciences. See www.AMPProgress.org

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