

Position Statement on Responsible Animal Research

Background

Regeneron is a science-based biotechnology company that discovers, invents, develops, manufactures and commercializes life-transforming medicines for people with serious diseases.

As we develop medicines, we use laboratory animals when scientifically necessary to make advancements and discoveries that we believe would not otherwise be possible. We are committed to the welfare of these animals and rigorously apply the below principles of replacement, reduction and refinement when our research involves animals.

Why Animal Testing?

Human physiology is complex, and there are currently no non-animal research models that can provide comprehensive data regarding the safety and efficacy of a potential treatment. Animal research plays a vital role in helping Regeneron bring new medicines to patients, and as such, we have a business and ethical responsibility to uphold high standards of animal welfare.

The 3Rs of Animal Testing

Regeneron abides by the principles known as the 3Rs, or “replace”, “reduce” and “refine”, developed by William Russell and Rex Burch in 1959. The 3Rs are generally understood to mean:

Replace: Seek out alternatives to animal research by using non-animal-based research methods

Reduce: Use the minimum number of animals in each study necessary to obtain valid results

Refine: Eliminate or minimize impacts to animals by reducing potentially painful or invasive procedures

Our Standards

Our animal welfare standards for Regeneron laboratories include the following expectations and protocols:

- The care and use of all laboratory animals meet or exceed the regulations of the U.S. Animal Welfare Act, principles of the Public Health Service Policy on the Humane Care and Use of Laboratory Animals (PHS Policy) and other relevant local, national and international regulations.
- Regeneron received full accreditation by the [Association for the Assessment and Accreditation of Laboratory Animal Care International \(AAALAC\)](#), a private non-profit that is widely considered to represent the gold standard for research animal programs and promotes the humane treatment of animals in science through a voluntary accreditation program. Regeneron's facilities, and overall animal care and use programs are subject to, spontaneous regulatory review and inspection, and we undergo regular peer-review inspections to maintain our AAALAC accreditation.
- At Regeneron, research involving the use of live animals must be approved by the Institutional Animal Care and Use Committee (IACUC), a requirement of U.S. federal and state laws. The IACUC has a key oversight role, including the review and approval of animal use activities and inspection of animal facilities.
- Laboratory animals are consistently monitored by licensed veterinary and trained animal care staff to ensure proper treatment of any immediate health concerns.
- Our staff receives comprehensive continuing education and full support to pursue and achieve laboratory animal and veterinary certifications as necessary to ensure that they are fully trained and knowledgeable when working with research animals.