



Animal Health and Welfare is a Core Value

At Boehringer Ingelheim, our goal is to improve the health of both human and animal patients. With a history of innovation excellence extending 130 years, our focus is to discover and develop life-saving, life-improving and preventative products.

Our innovations in research have changed the lives of millions of human and animal patients around the world. Critical future innovations, such as treatments for serious diseases like cancer, inflammatory bowel diseases and chronic liver diseases, and combating public health threats like avian influenza and African swine fever, are only made possible by undertaking research and clinical trials. These are overseen by regulatory authorities who require validation in animals as part of the development and quality testing of our products.

Given the complex nature of human and animal biological systems, some of the patient safety and efficacy requirements can only be achieved with research and testing involving animals.

As one of the few global companies leading in both human pharmaceuticals and animal health, we care deeply about the welfare of the animals that play a part in our work - enabling us to transform human and animal health with new and advanced medicines. Our 'Culture of Care' ensures animals are well cared for.

We participate in voluntary third-party accreditation processes, such as AAALAC International. We have rigorous policies processes and training in place to guide our employees and partners in upholding our high standards.

We commit to '4R' principles for tests in animals, which go beyond the '3R' principles of **REPLACE, REDUCE, REFINE** to also include **RESPONSIBILITY**.

We have a moral and ethical **RESPONSIBILITY** to ensure the animals that help us to develop and produce breakthrough medicines are well-treated and cared for. Our Global Animal Care and Welfare Officers, and their teams, are stewards of animal welfare and protection, upholding our high standards within our own operations and those of our partners.

At Boehringer Ingelheim we believe that humans and animals share a fundamental - a unique - bond. Inherent in our work to develop life-saving and life-improving products for humans and animals, is a strong and enduring 'Culture of Care' that prioritizes animal welfare as a core value.

REPLACE

We invest internally, and together with our academic and industry partners, in research for alternative methods. We replace studies involving animals when possible, using the latest scientific and technological advances, such as in vitro and computer models. We advocate for regulatory reforms related to data and testing, joining forces with our colleagues in the industry on efforts to encourage adoption and acceptance of alternative methodologies.

REDUCE

We carefully review every animal study for its scientific value and design which is then approved by the regulatory authorities. We involve as few animals as needed when designing a study and we engage with regulatory authorities to utilize data from other studies and sources.

REFINE

We continuously advance our animal welfare practices and refine protocols to provide the best possible conditions for the animals in our care. As a leading human pharmaceuticals and animal health company, a number of our employees are veterinarians and experts in the care of animals, which enables us to tap into their expertise to guide our standards and practices.

RESPONSIBILITY

We have a moral and ethical responsibility to ensure the animals that help us to develop and produce breakthrough medicines are well-treated and cared for.