

**AAAS Resolution:
Use of Animals in Research, Testing, and Education**

Whereas society as a whole, and the scientific community in particular, supports and encourages research that will improve the well-being of human and animals, and that will lead to the cure or prevention of disease; and

Whereas the use of animals has been and continues to be essential not only in applied research with direct clinical applications in humans and animals, but also in research that furthers the understanding of biological processes; and

Whereas the American Association for the Advancement of Science supports appropriate regulations and adequate funding to promote the welfare of animals in laboratory or field situations and deplors any violations of those regulations; and

Whereas the American Association for the Advancement of Science deplors harassment of scientists and technical personnel engaged in animal research, as well as destruction of animal laboratory facilities; and

Whereas in order to protect the public, both consumer and medical products must be tested for safety, and such testing may in some cases require the use of animals; and

Whereas the American Association for the Advancement of Science has long acknowledged the importance and endorsed the use of animal experimentation in promoting human and animal welfare and in advancing scientific knowledge;

Be it resolved that the American Association for the Advancement of Science continues to support the use of animals in scientific research; and

Be it further resolved that scientists bear several responsibilities for the conduct of research with animals: (1) to treat their subjects with proper care and sensitivity to their pain and discomfort, consistent with the requirements of the particular study and research objectives; (2) to be informed about and adhere to relevant laws and regulations pertaining to animal research; and (3) to communicate respect for animal subjects to employees, students, and colleagues; and

Be it further resolved that the development and use of complementary or alternative research or testing methodologies, such as computer models, tissue, or cell cultures, be encouraged where applicable and efficacious; and

Be it further resolved that the use of animals by students can be an important component of science education as long as it is supervised by teachers who are properly trained in the welfare and use of animals in laboratory or field settings and is conducted by institutions capable of providing proper oversight; and

Be it further resolved that scientists support the efforts to improve animal welfare that do not include policies or regulations that would compromise scientific research; and

Be it further resolved that the American Association for the Advancement of Science encourages its affiliated societies and research institutions to support this resolution.

[Adopted by the AAAS Board and Council, February 19, 1990. Sponsored by the AAAS Committee on Scientific Freedom and Responsibility.]