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### Editorial: Animal Rights and the Inertia of the Scientific Community

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in the introduction of numerous bills in state legislatures in 1987 alone, see Ref. 6) to curtail the use of animals in research. Attempts are also being made to block the construction and operation of laboratory facilities on the (almost contemptuous) grounds that they may be harmful to the environment. (7) More worrisome, there has been actual enactment of state, federal, and local regulations that severely erode our ability to conduct biomedical research. Remarkable examples of this political success is provided by the enactments of laws in both Massachusetts and New York prohibiting the use of pound animals for research, while millions of these animals go unclaimed and must be killed, and by the even more far-reaching decision of the Superior Court of Suffolk County which recently ordered the University of Massachusetts to open its IACUC (Institutional Animal Care and Use Committee) meetings to the public (8). There is little doubt that this decision will make the objective assessment of experimental protocols involving animals an almost impossible task.

A matter of grave concern to all of us in the United States is the recent set of rules regulating research with animals imposed by the U.S. Department of Agriculture (USDA), and which will implement the intended Animal Welfare Act of 1985, Parts I and II became law on August 31, 1989, Part III, dealing with the psychological well-being of dogs and nonhuman primates, was published for comment earlier in the year. Implementation of the new standards will impose a direct cost burden of more than \$1 billion to research institutions. Moreover, as pointed out by the National Association for Biomedical Research (9) the proposed standards are not scientifically justified and do not provide any evidence that they will actually improve the care and treatment of laboratory animals. An example of the nature of some of the proposed regulations is the requirement that individually housed primates have "positive physical contact" with their keeper for at least 1 h/day. Positive physical contact is defined as petting, stroking, or other touching. The feasibility of implementing such a rule is almost nil. For instance, if a primate Research Center has 200 monkeys housed individually, it would take 25 keepers to provide 1 h/day of positive physical contact! Of greater concern are the dangers associated with such contact; in the last

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## EDITORIAL

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2 yr, three people died after being infected with simian Herpes B virus.

It would be, I believe, extremely difficult to find a scientist who is not concerned about the humane treatment of animals, and who does not strongly advocate procedures that upgrade the care and treatment of laboratory animals. I also find it hard to believe that there are some among us who would deliberately abuse animals. However, animal rights activists, through their media campaign, have managed to mislead the general public (and some of our legislators) into believing that inflicted animal pain and abuse of animals is common practice in biomedical research (see also Ref. 7).

The rhetoric used by animal rights leaders is intense and convincing to the casual observer. For instance, the often quoted aphorism made by a codirector of PETA (People for the Ethical Treatment of Animals), "A rat is a pig is a boy is a dog" (3), has an almost compelling meaning, until one realizes that no one mentally sane would accept the view that the life or death of a boy has the same significance as that of a pig.

One of the founders of modern animal rights philosophy, Richard Ryder, introduced (1) the concept of speciesism which he equated with fascism. What is forgotten when this concept is invoked and expounded upon is that Nazi Germany is the only modern state that has ever prohibited animal experimentation. As stated by the Nazi party press in 1933 "...The New Germany... gives rights to the tortured, tormented and, up until now, completely unprotected animals... What Reich Chancellor Adolf Hitler and Prime Minister Goring did and will do for the protection of animals, stands as a guideline to the leaders of all civilized states" (10, quoted in Ref. 4). History has established that the subsequent activities of the Nazi regimen were entirely consistent with the principle that animals cannot be used as surrogates for human beings, and that humans instead can serve as the subjects of experimentation.

Perhaps the aforementioned considerations do little more than to expose the fallacy of some arguments used by modern animal rights activists. They point, however, to the real danger faced by biomedical research throughout the world: the gradual tightening of laws and regulations concerning use of animals in research to such an extent that performing any investigation which involves animals may be virtually impossible, or at best, drain large quantities of tax funds for extensive regulatory monitoring.

Why has the animal rights movement grown so strong in circumstances where the vast majority of Americans (77%) believe that the use of animals in research is necessary for medical progress (11)? The biomedical community itself should bear a significant portion of the blame. Perhaps, we have not been involved because we

have felt that others more qualified would take care of the issue. Or perhaps because we have (wrongly) concluded that the issue may not be terribly important, and that if we do not think about it maybe it will go away. This is clearly not the case. I would strongly endorse the view put forward by Larry Horton in a recent commentary (4) that "The issue must be truly recognized by scientists as serious enough to warrant their personal involvement on a priority basis."

We need to close ranks behind these organizations which are already speaking in favor of biomedical research with animals, and commit ourselves to reversing the current trend towards banning the use of animals in research. The American Medical Association (AMA) and The Society for Neuroscience have taken leadership roles in defending and strengthening the research activities of the biomedical community. Other groups involved are The American Heart Association and networks such as The Coalition for Animals and Animal Research (CFAAR), formed by college faculty and students, and the California Biomedical Research Association, a gathering of universities and voluntary health organizations.

I would encourage The Endocrine Society to follow suit, and its members to become fully aware of the issue by reading the AMA White Paper on Use of Animals in Biomedical Research, and the letter sent by Dr. David H. Hubel, President of The Society for Neuroscience, to its constituency on May 10, 1989. It is very important that we let our congressional representatives know our views. This can be done on an individual basis, as a group, or with an even greater strength, as institutions. We should encourage the administrative branch of universities and research institutions to take a more active role and organize efforts to lobby the local, state, and federal legislatures.

We must also increase public information (12). Many of us have children in school, brief presentations in their classroom describing the benefits of biomedical research can be arranged as part of their learning process. These presentations are an opportunity to provide the students with an appreciation of the scientific method and the fact that there is a line, circuitous but essential, between basic research and future improvements of human and animal health.

In general, scientists do not feel comfortable speaking to the general public. However, participation in television programs in which the subject is discussed has an enormous potential benefit. We should encourage our institutions to take an active role in asking tv stations to air such programs. I am sure that we can select those among us who can most effectively communicate our views to the public.

Encouraging signs from the general public are already emerging. The recent establishment on the West Coast

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I would like to reiterate that the future of biomedical research depends on us and, as such, its defense requires our active participation.

Sergio R. Ojeda, D.V.M.

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