

Name:

Instructor:

Course:

Date:

Explain each
topic sentence well

① MLA Style

② address each topic sentence

③ don't use quote on the
end of the intro with the thesis

④ First paragraph you need
to talk about the ethical argument

(the reason why they say this and
why they are wrong)

Animal Experimentation

The application of the use of animals in scientific research has been a controversial issue that has taken root for quite some time. The controversies is rooted in the different sides that the scientists and the animal rights take on this issue. The debate has been based on two arguments. The first argument is whether the application of animals in scientific research is right or wrong and the other argument of debate has been based on whether research results obtained from the use of animals in scientific research can enable scientists to come up with effective results for curing the various diseases. In essence, there has been the application of animal research in the quest of the scientists in testing and devising ways for treating different diseases. In fact, without the help of animal experiments, some of the diseases and conditions such as organ transplant, cervical cancer, heart bypass surgery, and polio vaccines would not be in existence in the current medical world. The scientists have ^{learned} ~~learnt~~ that the use of animals is the only option that could be used in ^{learning about} ~~earn~~ing the human body without bringing any harm to the human body. Though it may seem that scientists are exposing the lives of the animals, used in research, at risk, it is better for one to think about the human lives that will be saved if a drug is discovered that could be applied in the treatment of certain conditions. Since there is no other alternative that could be applied in research in the development and experimentation of drugs and treatments for human beings, use of animals in scientific research is justifiable. Chow et al., (2008) points out that "The rational

for using animal models in biochemical research is scientific and animal models are likely to remain necessary until science develops alternative models and systems." (2)

addressing ethical abusive First is that the psychology of animals is not same as the psychology of human beings, however, it has been seen that animal testing is an accurate test in the determination of the safety of applying certain substance without causing any harm to human beings. As Shank (2002) points out that "Sigma Xi encourages public education on the importance of animal research in production of scientific advances and medical treatment" (343). This can be argued from the fact that there has already been the application of animals in scientific research that has led to the development of treatments for such conditions as bacterial infections, which has played a very important role in ensuring that millions of people around the whole does not lose their lives. In the experimentation of the effectiveness of penicillin for human application, mice was employed in the scientific experimentation. In that experiment, some mice were first administered with deadly bacteria. After that some of the mice were administered with penicillin and others were not. It was later found that those that received penicillin injection survived the infection while those that did not get any injection died. It is, therefore, very clear, that if this experiment had not been carried out, then treatment for bacteria using penicillin could not have been introduced. This, therefore, supports the use of animal in research because it has saved both human and animal lives.

ethically argument

we been doing it

Evidence

Prove that this what they say Secondly, animal rights activists believe that the use of animals in scientific research is only beneficial to the development of drugs and medication for human beings only. This is not the actual case because it is also very helpful in the determination and development of treatments and medications for animals as well. In some cases, there are diseases that affect both the humans and the animals (Cohen, Carl, and Tom Regan 3). An example is that cancer affects both

Not addressing the topic

Pete Singer

animal Right activists

good evidence

(3)

the human and the animals. In such a case, therefore, scientific research on animals helps in the development of medication that can be applied for both the human and the animals. The other diseases that includes the application of the same treatment both for human and animals include asthma, epilepsy, bone cancer, blood transfusion, and arthritis in dogs. These animal diseases have been treated in the quest to come up with treatments for human diseases. This therefore, supports the use of animals in scientific research.

Thirdly, some of the activists that advocate for the prevention of the use of animals in scientific research argue that animal studies are not important in that its results are not applicable for human health. In scientific research, the animals that are mostly applied include rats and mice that are bred in the labs. These are the animals that are ^{used} ~~applied~~ in almost 95 percent of scientific research. The other animals that are normally ^{used} ~~applied~~ include sheep, pigs, rabbits and fruit flies. Most of the above chosen animals are characterized with short lifespan, which is normally 2 to 3 years. In that perspective, it is justifiable to apply an animal with a life span of 3 years to save the life o a human being, whose lifespan can take up to 100 years. If scientific research on animals did not exist, the lines of human beings and animals could not have been saved (Brockriede 143).

It can be seen that though animals rights activist argue against the use of animals in scientific research, their argument does not defeat that fact that animal research is very important, not only for saving human lives but also for saving animal lives. This based on the supporting arguments that most of the animals used have shorter life span, and they can be used in research to save the life of a human being with a longer life span. Secondly, the scientific research done on animals is also helpful because it aids in the development of drugs and medications for treating animals. And thirdly, the scientific experiment performed on animals are

explain
each idea
at least
3 sentences for
each topic

The reason they say is this ---
and this is why they are wrong

effective for application on human cases, thus saving millions and millions of human lives that could have been lost if such experiments were not used.

Works Cited

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Cohen, Carl, and Tom Regan. *The Animal Rights Debate*. Lanham [u.a.: Rowman & Littlefield, 2001. Print.

Shanks, Niall. *Animals and Science: A Guide to the Debates*. Santa Barbara, CA: ABC-CLIO, 2002. Print.

flaming.