

ENGL102

January 28, 2019

Annotated bibliography.

What are the benefits of animal testing on medicine?

Day, Nancy. *Animal Experimentation: Cruelty or Science?*. Hillside, N.J., U.S.A.: Enslow Publishers, 1994. Pp. 59-86. Print.

In her book, Nancy seems not to have taken any side, but rather, gives two explanations, which gives the reader the opportunity to decide. In other words, the author observes that though the issue of animal testing has been criticized, it is also important to note that the idea has helped in terms of the research. However, the author also observes that the idea of using animals is to some extent very cruelty on the side of animals. In other words, what the animals are made to go through, is one that not any other living organism would want to go through. The source is also relevant in the sense that it has the various information that are key to the study of animal testing. I would use the source to help me analyse more on the topic and to explain the pain and suffering that animals go through as well as the ethical issues involved.

Doke Sonali and Shashikant C. Dhawale “Alternatives To Animal Testing: A Review”. *Saudi Pharmaceutical Journal*, 2015. Pp. 223-229. Retrieved from,

<https://www.sciencedirect.com/science/article/pii/S1319016413001096/pdf?md5=59a4b5c5c8d0675e3ce5f99493dcf3ec&pid=1-s2.0-S1319016413001096-main.pdf>. Accessed on 28th

January, 2019.

Doke and his colleagues are people who have extensive knowledge on matters of research. In the article, they observe that there are a lot of pain that animals undergo and they're used only for testing. Authors of this article, state that the number of animals used for research has also increased into millions, which is a trend that has started to worry those who are concerned about the same. It should be understood that the proponents of the animal testing, or those who are against the use of animals for research have argued that animals are subjected to a lot of suffering, which they ought not to be subjected to. Again, the authors argue that there are some skills that those who deal with animals should have, but in most cases, the people who undertake research using animals lack such skills to handle the animals. This again raises the ethical question, and how the alternatives to the use of animals can be found. The article would help in explaining my research, the various ethical issues, and alternatives to animal use.

Mur, Cindy. *Animal Experimentation*. Greenhaven Press, 2004. Retrieved from,

http://www.demes.teimes.gr/spoudastirio/E-NOTES/A/Animal_Experimentation_Viewpoints.pdf. Accessed on 28th, January, 2019.

Mur finds experiments conducted on helpless animals to be torturous and inhumane. She describes a number of instances where scientists have isolated and deprived animals of their survival needs in order for them to study human conditions and diseases through them. She relates the existing conversation among researchers and animal rights activists and how she finds

it uncomfortable to use primates for experiments, especially the painful ones as opposed to “other animals”. Cindy quotes close percentages between the human DNA and that of apes and chimpanzees as the most probable reason these animals are preferred for testing of human diseases like AIDS. In her book, she shows the reasons why researchers justify their use of animals for experiments in a side by side comparison with the reasons activists hold in protest. This book would help me explain the information and concepts of animal testing, which is a subject of concern in the society today.

Moxley Angela. The End of Animal Testing? The HSUS Works with Scientists, Governments, and Corporations to Pioneer Methods that Replace Animal Use in Product Safety Evaluation. *Human Society* Organization. Pp. 22-26. Retrieved from, <https://www.humanesociety.org/sites/default/files/docs/end-animal-testing.pdf>. Accessed on 28th January, 2019.

In this particular source, the author observes that the government as well as researchers have been working together to end animal testing. A replacement is often looked for to ensure that instead of killing animals for research, there is an alternative for the same. This is very important owing to the fact that animal testing has led to more sufferings in animals. The pain and suffering has also elicited the ethical issues that need to be observed in regard to animals. The article is not just relevant, but also has some of the best information that would also help resolve the issue of debate that has been going on for a while now. If a replacement can be found, then it would mean that animal testing may come to an end. This source will also help me in analysing the pan, the benefits and why the replacement is necessary in the society today.

Franco, Nuno Henrique. "Animal Experiments in Biomedical Research: A Historical Perspective", 2013. *Animals*. pp. 238-273. <https://doi.org/10.3390/ani3010238> Accessed on 28th January, 2019.

Franco in his article, observes that people have supported and also criticized the idea of animal testing in equal measure. The author argues that in the society today, researchers seem to be very much supportive of animal testing, while others, who feel that the idea is not ethical are against. In this regard, he asserts that animal testing is one topic, which still needs a lot of consideration and evaluation for the people in the society to know exactly what ought to be done. The source is very relevant, and would help me in writing more on the research about the same topic. I find the concepts such as biomedical research to be very important when it comes to the explanation of why some people see animal testing as a breakthrough in research, while others see it as unethical issue. Given that each side has an argument for or against, it would be easy to get some ideas from them and explain my position on the matter.