

19.02.23 GLOBAL HEALTH

# SIMULATIONS PUT TO THE TEST: THE ALTERNATIVE FOR ANIMAL TESTING

A (N.D), Image. <https://hipertextual.com/2013/02/simulador-para-reducir-ensayos-con-animales>

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The digital landscape of the world has been expanding ever since the internet was invented. Great advancements in medicine, economy and quotidian life have been coming to rock the world. But, there are other inventions that can be debated if they can be considered as an advancement, regression, or a middle ground of both. Today, the bureau shall discuss, and conclude upon the simulation of animal testing, as an alternative for the questionable procedure, accompanied by a session of the WHO, and a private interview to the delegate of China

During the discussion, the alternative of simulation was shared by 2 delegates. The delegate of china, who started the idea, and perpelled it forward to the rest of the committee, and the delegate of Colombia, who shared many alternatives, and one of them, utilizing AI generated simulations, in order to emulate the likeness of the seeming randomness of nature.

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The delegate of the UK mentioned the existence of experimentation in plants, but that it could be harmful, not to the animals, but to the whole balance of nature, due to the keystone status of many of the plants proposed. During its intervention, the delegate of Colombia also mentioned that, instead of using common plants, utilizing different kelp species.



N.A (N.D). Image. <https://www.medicalnewstoday.com/articles/324993>

While yes, experimentation in plants can be a great alternative, the Bureau can't help to ask if the delegates were missing a point that could destroy the argument of kelp and plants as an alternative. The fact that plants and humans are very distant from each other as organisms. Even the cell structure of plants is different than those in the animalia kingdom, showing that any effects in plants have a minuscule chance to be the same in humans, and other animals.

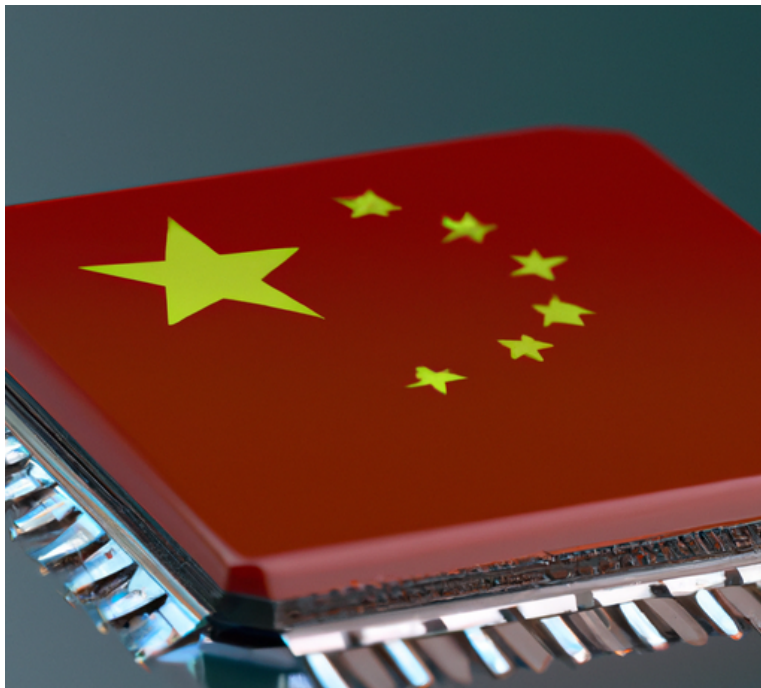
To the Bureau, the idea of a simulation seemed strange, as simulations are based on what the humans know. And if we simulate something, based on things we know, then the results will be pointless. And so, the Bureau went into a private interview with the delegate of China, in order to discover their thinking.

Q: How do you plan on developing the simulations?

A: A computerized simulation would utilize statistics, and would generate many probabilities due to secondary effects. We would spare time waiting for the real reactions. We would also save up on bills, and the life of animals. We have, as humans, a priority on money

Q: Simulations are based on what we know, and so, would you think that the results would be impartial?

A: Of course, everything has a margin of error. What I search for is not to suspend the use of animals, but instead, to reduce the quantity. We are in search of doing more good, while reducing the risks.



An A.I depiction of the prompt "Chinese Technology"

Q: How much money would the simulations cost?

A: I don't have the complete and exact sum, but we would need a common inversion from the committee. The simulation isn't something experimental, as it is already being done.

Q: If the simulations were to fail, are there any alternatives?

A: Of course! Part of my investigation indicates that a viable alternative is the farming cells in Vitro. There are many other alternatives, just like simulating the human body in a microstructure.

After all of this, the Bureau left, as enough information was gathered to make a conclusion. And so, the conclusion that we at the Bureau have managed to get, is that at the moment, simulating the testing of animals in a simulation, is not developed, meaning, it's not a viable alternative. None of the alternatives that are being presented in the WHO are good, as they're either underdeveloped, or not viable to nature, and non-pertinent to medicine. While it may seem cruel to test on animals, sadly, it is the only option at the moment. A selfish decision, yes. But, sadly, the other alternatives do not work for anyone. If any further developments arise, the Bureau will keep you updated.



N.A (N.D), Image: <https://www.hsi.org/issues/animal-testing/>