**Animal/Human Research (10 Quiz points)**

“Maximum Tolerated Dose” (2012), directed by Karol Orzechowski

DUE: Monday, November 7 by class time; Upload a document or clear photo on Canvas under Quiz 11.

DIRECTIONS:

* Please write or type out answers to the following questions. Upload a document or clear photo on Canvas under Quiz 11
* BE=*Biomedical Ethics* (Course text); Answers will come from the chapters titled “Human and Animal Research” or “The Ethics of Animal Research: What Are the Prospects for Agreement?,” or from the film itself.
* One question deals with the essay by Thomas Hartung

1. (1pt) What *differentiates* therapeutic research from nontherapeutic research (BE 225)?

2. (1pt) Mappes and DeGrazia cite Peter Singer’s use of the term “speciesism” (233). Using any out-of-class source/s, including the internet, provide a comprehensive definition of the term “speciesism.”

3. (2pts) Please describe two examples of animals displaying self-determination in the film?

4. (2pts) Please describe two examples of paternalism (limiting animal’s liberty to promote the animal’s best interest) in the film?

5. (3pts) Documentary films—much like advertising, books, public speakers, etc.—rely upon **Ethos** (establishing trust and credibility), **Logos** (facts, figures, and statistics), and **Pathos** (appeals to emotion, values, imagination). Give one example from the film of each of these. Which do you think is emphasized in this film? Provide 2-3 examples from the film to support your answer.

6. (0.5pt) In Thomas Hartung,’s essay “Research and Testing Without Animals: Where Are We Now and Where Are We Heading?,” what is the “reproducibility crisis” in animal studies?

(0.5) Given Hartung’s analysis of animal studies, including low reproducibility, limited predictive ability, and high cost—and all the other sources you’ve read and watched about animal research to this point, **what normative ethical theory/ies or terms do you feel will be most valuable in helping the animal research industry put more resources into non-animal alternatives and (very briefly) why?**