

Assignment 2A

Gregg and the Pandemic of COVID-19

Assignment 2A: Answer this question using information you learned from the second week of the course. Consider this is a take-home exam. You must answer the question in essay format but can address Gregg directly if you choose. You can use a formal essay structure or have a conversation with Gregg. This question should be **at least** two pages, double spaced. REMEMBER, NO QUOTATIONS AND ABSOLUTELY NO PLAGIARISM. YOU NEED REFERENCES TO JUSTIFY YOUR STATEMENTS. ADD YOUR REFERENCES AT THE END IN APA OR CSE FORMAT, NOT AS SIMPLY A URL!

Gregg thinks that if he “boosts” his immune system, he will not get sick with the virus that causes COVID-19. If he does get the virus, he thinks that by increasing the action of his immune system he will not get that sick. He has heard about how cytokines are used by the immune system to fight infections. “Boosting” his immune system will logically boost the cytokines and more effectively kill the infection. In a short essay, explain to Gregg what causes the release of cytokines, the effect of cytokines in a viral infection, and why “boosting” the level of cytokines might not be a good idea.