

Quinn Luthy  
*Plague INC.*

My question is as follows: What type of plague is most deadly to humans? Optional: And how would they be affected afterwards. To test such a question, one must look into realistic simulation, in my case I chose the simulation known as Plague, Inc. Plague INC. allows you to become a plague and try to infect and eradicate as many humans as possible. You can modify transmission traits, symptoms, and resistance to antibiotics throughout the course of the game.

My science fair project deals with the possibility of an extremely deadly pathogen and how it would affect society thereafter. The project is relevant to society because there are many minds dedicated to research on deadly pathogens but little to no minds are put to the purpose of finding research goals. So in my mind a lab today may be a little inefficient because it deals with problems that pop up with current events. I hope to find the aim of research in case a catastrophic event such as a pathogen occurs.

Today, with many new antibiotic-resistant bacteria, it is important for scientists to understand which symptoms are hardest to “cure”. Antibiotic-resistant bacteria are becoming increasingly more common. For example, Russia has a new strain of tuberculosis that is resistant to most front-line drugs. (This example will be used later in experimentation). So, if scientists know which symptoms are hardest to cure during a plague they know what to put more research funding into.