

## 1.17 Discover

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Malaria is a very serious disease. It's typically transmitted through the bite of an infected Anopheles mosquito. You usually find these mosquitoes in the tropical countries of Africa and Asia. Infected mosquitoes carry the Plasmodium parasite. When this mosquito bites you, the parasite goes into your bloodstream. If you have been infected you will develop in a few weeks symptoms like shaking chills, high fever (up to 40.5 degree C), convulsions and coma. Malaria is a life-threatening condition and that there is no vaccine to prevent. It is estimated that more than 3 billion people are at risk and 1 million die from it every year.

My ambition is to find the vaccine to eradicate this disease from Earth. As of today infected people receive medication but parasites are sometimes resistant to drugs. Moreover these treatments are expensive for poor people living in the areas at risk.

The reason why I want to find a vaccine for Malaria is because a lot of people suffer from it for their whole life. This new vaccine could then give them a better life. Finding the vaccine could also avoid people losing part of their family, close friends or children to become orphaned.

It will also allow countries at risks to spend less money to cure the infected people. They can then use this money to improve children's education and to build hospitals, overall offering a better life to their populations.

At last it will allow more scientists to focus on other deadly diseases; therefore more of them can be eradicated from Earth.

The first step to become a vaccine scientist is to get my Baccalaureate with honours. Moreover I should have very good recommendations from my secondary teachers to join a very famous university in the U.S.A or Europe. After joining one of them I will study chemistry, biochemistry, biology or microbiology to obtain my Bachelor of Science degree in one of these majors. Afterwards I should get my Master of Science degree and my PhD (Doctor of Philosophy) degree.

I will then find a job in a laboratory or in a vaccine research centre. I prefer not working for a private pharmaceutical company because I don't want that people make money from my discoveries. I will devote my time searching for the vaccine of Malaria with a team of scientists. Our laboratory will not use animals as testing subjects. Moreover my vaccine has to be cheap to be produced easily in any country that suffers from Malaria.

In conclusion, I will try my best to fulfil my ambition even if it's challenging and takes me my whole life to figure out. It will show my great effort and contribution to the world. It will also be a great accomplishment to the people that are in need and it would allow more people to have a more comfortable life and bring a bright future for their children.