

Natural Selection Engineering Internship

Nov. 14, 2019

Day 3/51



At the end of today's lesson you will be able to;

- Design a treatment that does not cause an increase in the malaria parasite population while considering three criteria: minimizing drug resistance in the malaria parasite population; minimizing patient side effects; and keeping costs low.

Classwork-

- Conclude Natural Selection Engineering Internship Day 4
- Interns conclude their background research by reading about the different antimalarial drugs available for their treatments in this MalariaMed model. Interns then run additional isolated tests to better understand the effects of different antimalarial drugs, doses, and days of treatment on the project criteria. To close the Research phase, interns complete the Project Summary for after-hours work, summarizing what they understand about the project so far and which will be used as the introduction to their proposals at the end of the internship.
- The purpose of these activities is for interns to better understand the characteristics of each of the antimalarial drugs in order to prepare them for the malaria treatment choices they will make during the Design phase of the internship..

Homework-

- After-Hours: Project Summary.