

Biology 331 Video - Superbugs; Turn-In After Video During Class (10 pts)

Name _____

- (1) What TWO events influenced the discovery and then the production of penicillin?

- (2) Who first received penicillin and how did they get the illness? Did he live or die - why?

- (3) Explain Ryan's situation. What is his problem, how did he get it, what were treatments?

- (4) How much of the world is estimated to carry TB? How many will become active?

- (5) What is DOTs and why is it necessary for dealing with TB?

- (6) What was the position of the Peruvian government and WHO on treating MDRTB? Why?

- (7) Describe the time and cost involved in drug discovery, and the chances of finding a new drug.

- (8) Explain Cubist's technique, including inoculum, test organism, and procedures/what to look for.

- (9) Explain Ricky's situation, including disease/agent and transmission.

- (10) After 2 years, how has the Partners in Health approach to MDRTB worked in Peru - % cured?

