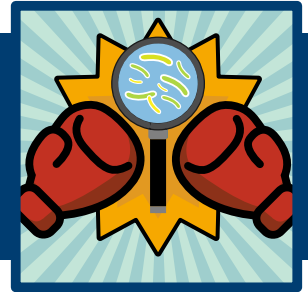# UNIT: TUBERCULOSIS
LESSON 3: ME VS. TB - BOOSTING THE IMMUNE SYSTEM TO DEFEAT AN ANCIENT ADVERSARY
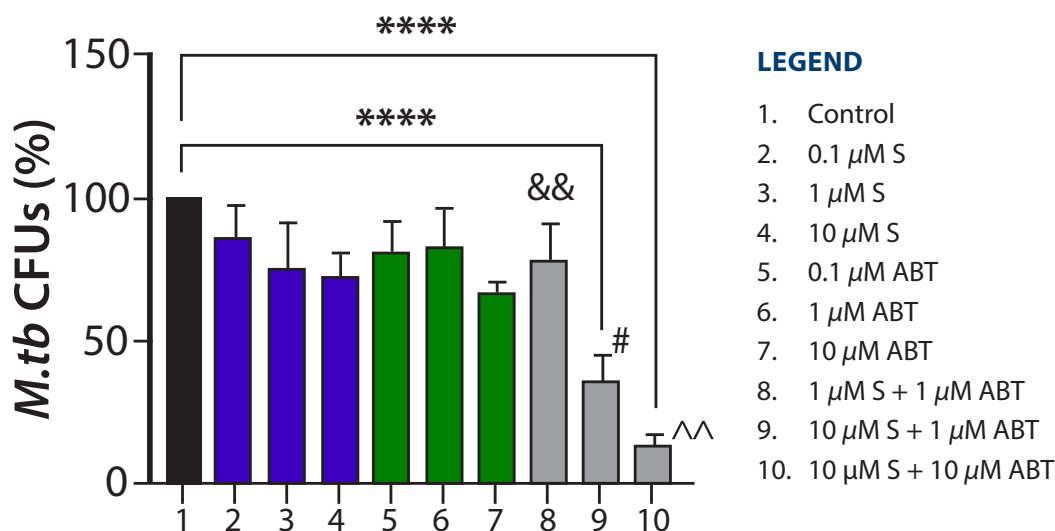***ACTIVITY 3C:*** *CONSENSUS MAPPING*

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DIRECTIONS: Refer to the transformed article "Me vs. TB", the Student Background and your Local Expert Committee's consensus map to answer the following questions.

1. Compare and contrast the two different cell death pathways, apoptosis and necrosis.

2. Consider the graph below (Figure 3 from article). Based on the data, what can you conclude about the effectiveness of HDTs in TB treatment? Support your conclusion with an analysis of the data in the figure. In other words, describe what the graph is showing and why the data supports your conclusion.
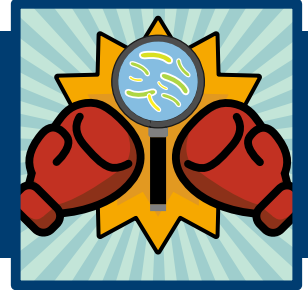

LEGEND

1. Control
2. 0.1 μM S
3. 1 μM S
4. 10 μM S
5. 0.1 μM ABT
6. 1 μM ABT
7. 10 μM ABT
8. 1 μM S + 1 μM ABT
9. 10 μM S + 1 μM ABT
10. 10 μM S + 10 μM ABT

**NOTE:** Colony Forming Units (CFUs)

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3. Analyze the figure below (Figure 5 from article). What can you conclude about the CFUs of TB present in each type of treatment? What evidence do you have to support your conclusion?

Source: ScienceDirect© (https://doi.org/10.1016/j.biopha.2023.115738)
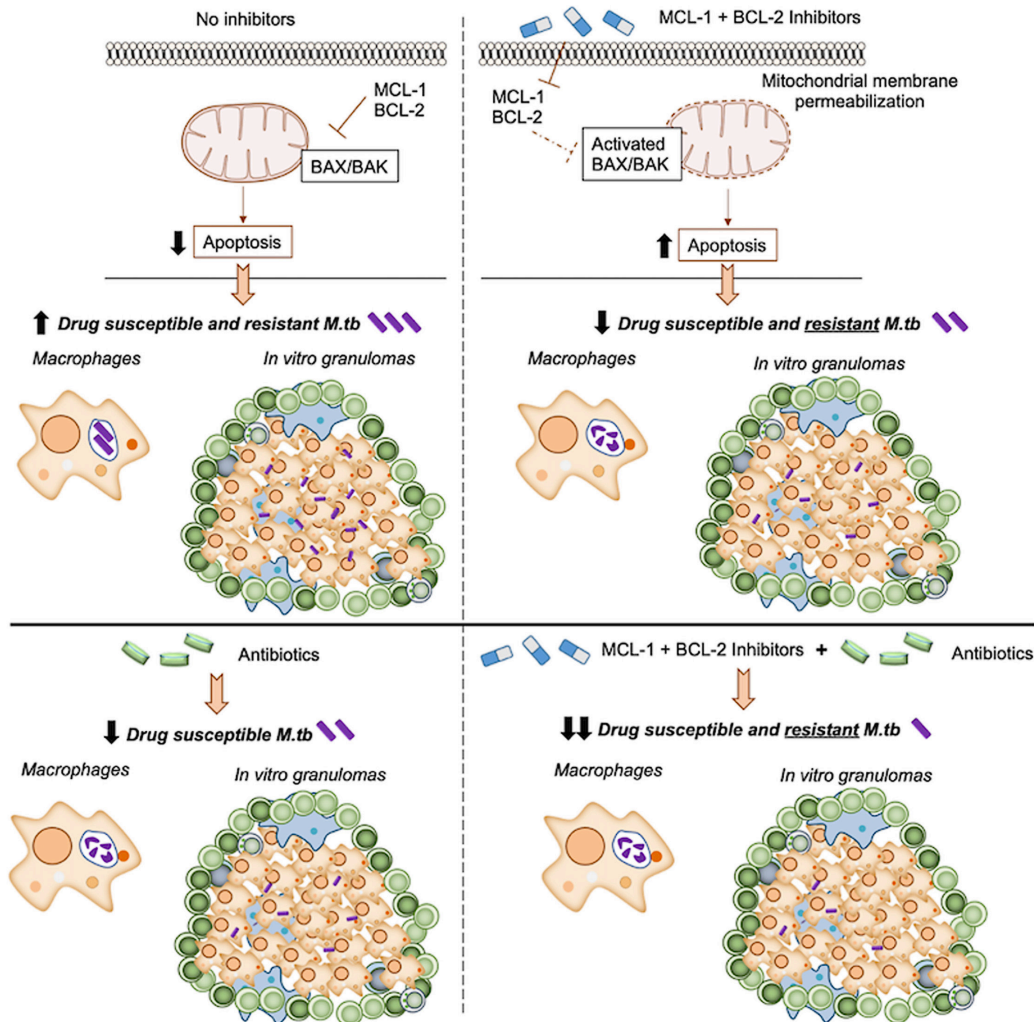
4. Your teacher claims only antibiotics are the best treatment for TB. Argue for or against your teacher's claim. Provide evidence and reasoning to support your argument.