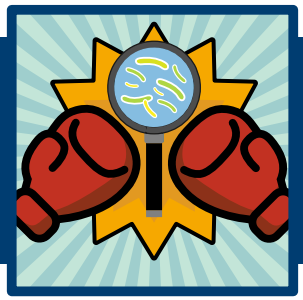
UNIT: EBOLA

LESSON 1: ACTIVATING ANTIBODY WARRIORS TO FIGHT THE EBOLA VIRUS!

ACTIVITY 1B: 3D GRAPHING: DETERMINE, DECODE, DESCRIBE!



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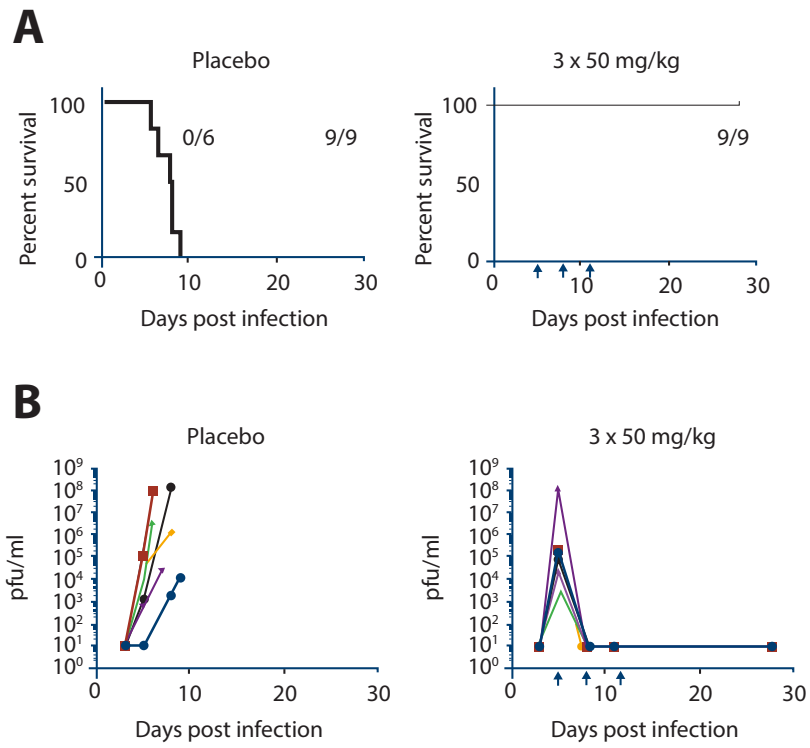
Directions: Refer to the transformed article and your note-catcher to answer the following questions.

1. Referring to Figure 3, how would you describe the information within the two graphs in part A to a parent.

2. Using Figure 3, make a claim about antibody treatment for the Ebola virus. Provide evidence from the graphs in Figure 3, part B.

Figure 3: Testing of 3 mAbs Control/Intervention Testing Outcomes



Note: (A) Survival plots, control/intervention, (B) viral load data for animals treated with placebo or with 3 doses mAbs mixture; plaque forming units/ml (pfu).

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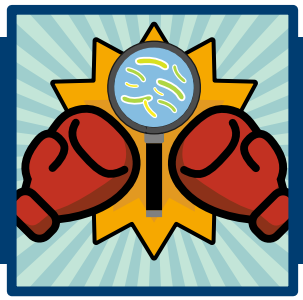
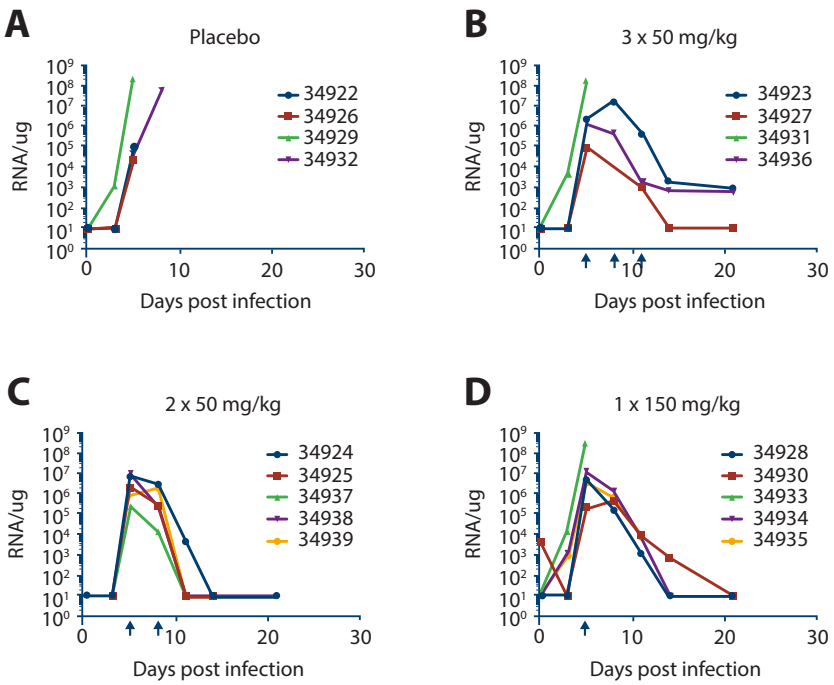


Figure 4: Dosage Impact on EBOV RNA Levels



3. Referring to the graphs in Figure 4, make a claim regarding the effectiveness of antibody therapeutics to treat Ebola.

4. Referring to the graphs in Figure 4, what evidence supports your claim?

5. Consider graphs B, C, and D. Which dosage is most effective? Provide rationale for your response.

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