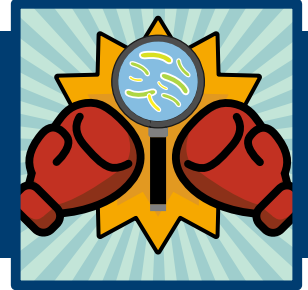


Character Cards

UNIT: TUBERCULOSIS

LESSON 3: ME VS. TB - BOOSTING THE IMMUNE SYSTEM TO DEFEAT AN ANCIENT ADVERSARY

ACTIVITY 3D: DON'T SPILL THE TB!! A SCIENCE THEATER



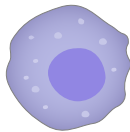
MACROPHAGE

Pick up ping pong balls one at a time. You can only hold ping pong balls in one hand.

If you drop a ping pong ball, you need to drop all ping pong balls and sit down.

If you encounter an Antibiotic, they will take one ping pong ball from your hand. You can continue to pick up more ping pong balls.

If you encounter an HDT, follow their instructions.



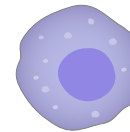
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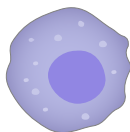
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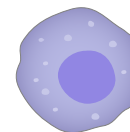
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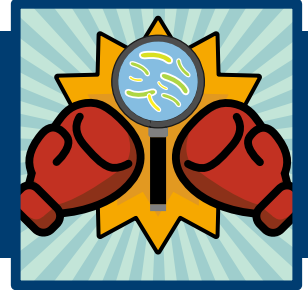
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HOST DIRECTED THERAPIES (HDT)

As an HDT, it is your job to tell macrophages they are holding too many ping pong balls. You escort the macrophage to a container. The macrophage puts all their ping pong balls into the container. You escort them to their seat.

Move on to another macrophage and repeat the process.



HOST DIRECTED THERAPIES (HDT)

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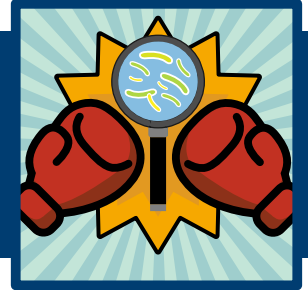
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ANTIBIOTIC

As an Antibiotic, it is your job to pick up one TB at a time. After picking up a TB from the floor, walk to the container and put the TB into the container.

Repeat the process until the Director calls time.



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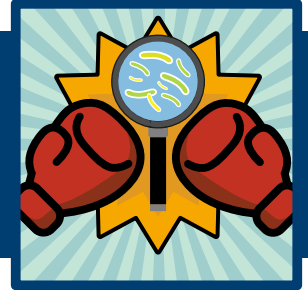
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OTHER IMMUNE CELL

Unlike Macrophages that pick-up TB bacteria, Other Immune Cells surround TB. Your role is to locate an area on the floor and hold your arms out in front of your body and link your hands. Any ping pong balls directly below the circle created by your arms are not available for Macrophages to pick up.



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