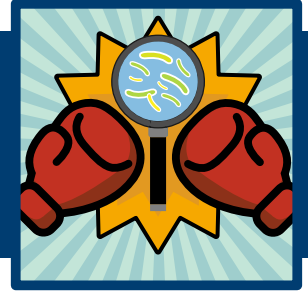


Student Directions

UNIT: TUBERCULOSIS

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

ACTIVITY 3C: CONSENSUS MAPPING



TEXAS BIOMEDICAL
RESEARCH INSTITUTE
HEALTH STARTS WITH SCIENCE

The local health authority in your city has identified tuberculosis (TB) as a significant public health concern due to recent outbreaks and a rise in cases. They have launched a community engagement initiative aimed at raising awareness about TB, its symptoms, and current available treatments. As part of this initiative, they are collaborating with Texas Biomedical Research Institute in San Antonio to educate residents about the disease and empower them with essential information.



You have been selected to be part of a Local Expert Committee that will argue for the most effective TB treatment. The Local Expert Committee is composed of experts from three different career fields. Each expert is passionate about public health and is determined to make a difference. The Local Expert Committee will use the most current research to come to a consensus on their TB treatment recommendation to promote.

Each Local Expert Group will read the article *Me Vs. TB - Boosting the Immune System to Defeat an Ancient Adversary*.

As you read the article, view it through your area of expertise. If you are a:

- › **Physician:** focus on these areas of the article: Background, Host-Directed Therapies
- › **Immunologist:** focus on these areas of the article: Cell Death Pathways, TB and Apoptosis
- › **Statistician:** focus on these areas of the article: Methods and Results

Directions

Your teacher has assigned you a professional role as a Physician, Immunologist or Statistician. You will join your other classmates that have been assigned the same role to form a *Professional Group*. Below are examples of these professions. You can refer to these links to gain insights into your assigned profession.

› Physician

- Dr. Larry Schlesinger, MD, Professor
- <https://www.txbiomed.org/scientists/larry-s-schlesinger-m-d/>

› Immunologist

- Dr. Huang, PhD, Associate Professor
- <https://www.txbiomed.org/scientists/shouxiong-huang-ph-d/>

MIDDLE & HIGH SCHOOL LEVEL

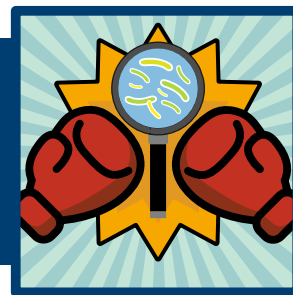
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NIH SEPA Project #1R25GM142021-01A1

Student Directions

UNIT: TUBERCULOSIS

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

ACTIVITY 3C: CONSENSUS MAPPING



› Statistician

- Reagan Meredith, PhD, Lead Statistician
- <https://www.txbiomed.org/scientists/reagan-meredith/>

Professional Group Discussion

Within your Professional Group, use the consensus map to guide your discussion about the transformed article. Answer the guided questions on the consensus map and prepare a summary to take back to your Local Expert Committee.

When you return to your Local Expert Committee share your findings.

As the experts present their findings, you will fill in the appropriate section of your Consensus Map.

1. Group Consensus:

- a. Each Local Expert Committee will discuss the three summaries to ensure understanding by all committee members.
- b. Each Local Expert Committee will come to a consensus to answer the question “*What is the most effective TB treatment?*” to place at the center of their Consensus Map.